

FOREWORD

The present issue of State Annual Season and Crop Report for the Agricultural year, 1992-93, attempts to serve as ready compendium of the main agricultural Statistics, such as season-wise rainfall, Land utilisation, source-wise and crop-wise irrigated area, cropping pattern, yield per hectare, cropwise total out-turn farm harvest prices, agricultural wages and quinquennial Live Stock data. The state aggregates and their district-wise break-up are expected to come handy in the formulation of Rural Plan.

I would like to place on record my gratitude for the collection work done by the Deputy Commissioners, Sub-Divisional Officers (C), District Revenue Officers, Tehsildars, Naib-Tehsildars and in fact the entire revenue field agency right from Patwari onwards. My appreciation is due to the Statistical Assistants posted in the Deputy Commissioner's Offices who are directly associated with this work and have taken the responsibility of preparing the district reports. Special mention for the valuable guidance provided by Shri J. R. Verma, Addl. Director of Consolidation of Holding & Sh. H. S. Thakur, Addl. Director of Land Records and Dr. B. P. Singh, Director Agril. Census also needs to be added herein.

At the State headquarter the report was prepared by Shri Laiq Ram Sharma, within a short interval. The preparation of the report was done under the scrutiny and supervision of Shri Santosh Raj Sharma, Statistician.

I hope this publication would be of great use to the Government offices, Planners and Research workers alike.

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INTRODUCTION

In the present era of planning the importance of Agriculture Statistics as a prime mover cannot be over emphasised. In view of the increasing importance of Agricultural Statistics as a reflection of economic progress and a necessary adjunct in plan formation, the role of Agricultural Statistics such as land utilisation, cropping pattern, total out-put and irrigation statistics is very vital. The planning and execution of Agricultural programmes are often handicapped for want of comprehensive and reliable data. As more and more emphasis is now being laid on district and lower level planning envisaging detailed programmes and targets for these units elaborate data at these administrative and planning units are necessary for realistic planning and successful implementation of programmes.

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

The Annual Season and Crop Report 1992-93 is an annual publication of the State Government delineating therein in the district-wise important Agriculture Statistics viz., landuse classification, month-wise and season-wise rainfall data, Source-wise net irrigated area, Crop-wise gross irrigated area, detailed break-up of cropping pattern and production, following by a brief survey on prevailing farm harvest prices and Agricultural Wages and data on quinquennial Live Stock Census, 1988. The Report commences with summary tables of the aforesaid Statistics for the preceding four years and with the current year i.e. 1992-93 as the concluding year of the quinquennial Survey. The Report presents all the Statistical data in metric units i.e. area in hectares and production in metric tonnes.

Physical Features :

Himachal Pradesh one of the most picturesque regions of the country and land of mighty rivers and snows is situated in the lap of Himalayan ranges in north-west of India. It is bordered by 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 33°-12'-44" north latitude and 75°-45'-44" to 79°-04'-20" east longitude in and in altitudes ranging from 350m. to 6,975 m. height from the mean sea level.

The State came into being as a part 'C' State of the Indian Union on 15th April, 1948 as a result of the merger of 30 Punjab and Shimla Hill State into the Indian Union, viz., Bhaghat, Bhaji-Beja, Balsan, Bushali, Chamba, Dargoti, Dejath, Dhadi Dhami, Chud, Jubbal, Khaneti, Keonthal, Kotli Kumarsain, Kunihar, Kuthar, Mandi, Madhan, Manlog, Mangal,

time the State has four Districts viz. Chamba, Mahasu, Mandi, Sirmaur and its area was 27,16,850 hectares. In 1954 the neighbouring 31st State of Bilaspur was integrated with Himachal Pradesh thereby adding one more district with an area of 1,06,848 hectares. In 1960, a new border district of Kinnaur was carved out of Mahasu district on account of administrative reasons. With the re-organisation of Punjab State in 1966, four more hill Districts, namely Kangra, Kullu, Lahaul & Spiti and Shimla Nalagarh tehsil of Ambala district, some parts of Una tehsil of Hoshiarpur district and Dalhousie of the Gurdaspur district, were merged into this Pradesh, thereby increasing its area by nearly 100 per cent. On 25th January, 1971 this Pradesh was given the status of full-fledged State. On 1st September, 1972 two more District viz. Hamirpur and Una were carved out of Kangra district and Solan was also named as a district dropping Mahasu district. Thus, at present, this full-fledged State of Himachal Pradesh comprises 12 districts viz. Bilaspur, Chamba, Hamirpur, Kangra, Kinnaur, Kullu, Lahaul Spiti, Mandi, Shimla, Sirmaur, Solan and Una. These districts have further been placed under the control of three division Shimla, Mandi and Dharamshala having inturn 45 Sub-Divisions. The Sub-Divisions are further divided into 67 Tehsils and 36 Sub-Tehsils with an area of 55,673 square Kilometres. The State Headquarter are located at Shimla, the queen of hills.

Climate and Agro Climatic Zones :

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

Five rivers flow through this hill state viz. Beas in Kullu, Mandi and Kangra Setluj in Kinnaur, Shimla and Bilaspur, Ravi in Chamba Yamuna has its tributaries in Shimla and Sirmaur and flows along the borders of Sirmaur and finally Chenab flows in Lahaul & Spiti and Chamba districts.

The terrain varies as you move from south to north, the lower foot hills, the shivaliks rising no more than 610 to 1220 metres. The inner ranges, are 1220 to 3660 metres high and the northern most, the Pirpanzal ranges south upto 6710 metres consequently the climate also varies from mild to cold. The land area of the state can be divided into the following categories:—

- (i) *Valleys upto an elevation of 1,000 metres.*—These are very fertile and can be subjected to intensive cultivation.
- (ii) *Low Hills.*—These have an altitude of 1000 to 2000 metres. They are suitable for Horticulture.
- (iii) *High Hills.*—These areas lie between 2000 and 3500 metres and sparsely populated. They are good for raising forests.

- (iv) *Alpine Zones.*—Above 3500 metres. They are good for grazing forests.
- (v) *The land of snows.*—Without vegetation.

Season-wise Rain fall conditions:

Table-1 of the report under review emptorifies month-wise rainfall data of the calendar year 1992 with corresponding rainfall for each month. The table simultaneously reveals the season-wise rainfall aggregate with corresponding normal exhibited in the adjoining columns. A quick glance at the total Annual State Rainfall leads one to infer that the total rainfall has been adequate.

The average total annual rainfall recorded during the year, 1992 in the state was 1341.7 MM as against 1324.5 MM normal rainfall and this rainfall was 1.3 per cent more than the normal rainfall. The highest average rainfall of 2128.0 MM was recorded in District Kangra as against its 2111.4 MM normal rainfall with average number of rainy days of 67.5 as against 61.5 of the state rainy days. This increase in average days from the normal 9.7%. The second District Chamba recording Highest rainfall was 1993.5 MM as against 1421.3 MM normal rainfall. The annual average rainfall was 40.2% more than the normal. The third place in order highest rainfall was of District Mandi which recorded 1967.6 MM of annual average rainfall against 1580.6 MM of normal rainfall and it was 24.5% more than the normal rainfall.

On the side of lowest recording of average annual rainfall district Kullu, Lahaul-Spiti and Kinnaur were first, second and third respectively. In these district the annual rainfall of 621.0 MM, 931.7 MM and 957.3 MM respectively was recorded. From perusal of the table No. 1 the main Annual Season and Crop Report, it has been observed that the total annual rainfall recorded in District Kullu was much on lower side as compared to the respective normal rainfall and in District Lahaul & Spiti, Kinnaur it was on higher side.

According to the sowing and harvesting of crops the calendar year of rainfall has further been divided into four major rainy seasons, viz. winter, pre-monsoon, monsoon and post monsoon. The brief description of these is as under:—

A-1. Winter Season:

This season has a spell of two months i.e. from 1st January to 28th February and during this season according to local cultivation conditions of the Pradesh, the rabi crops which are usually sown in post mon-soon season, start growing after germination. During this season occurrence of timely and adequate rains is important for the speedier growth of the crops. During this season total average rainfall of 246.6 MM was recorded as against 154.9 MM of the normal rainfall. The highest rainfall of 443.5 MM during this season was recorded in District Kinnaur and lowest rainfall of 137.7MM recorded was in District Sirmaur.

The average number of rainy days during this season was 10.6 against 7.5 of the corresponding period of last year, and number of such rainy days

12.4 was highest in the District Mandi and lowest number of rainy days 8.5 were in District Una.

B. Pre-Monsoon :

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

In the state during this season an average rainfall of 215.8 MM was recorded as against 174.3 MM normal rainfall and this rainfall was 23.8% above the normal rainfall. In the Districts of Lahaul Spiti, Chamba, Kinnaur and Kangra the total rainfall recorded during this season was much more than the corresponding normal rainfall. During this season the average number of rainy days for the state was 12.5 as against 15.2 of the corresponding period of the last year with highest number of rainy days 24.1 for the District Chamba and lowest number of rainy days 3.0 for the District Bilaspur. After completing the harvest operations for rabi-crops during this season the farmers starts preparing their fields by applying manures and ploughs for transplantation of Paddy and sowing the kharif crops before the commencement of mon-soon season.

C. Monsoon Season :

This season comprises of longest span of four months i.e. 1st June to 30th September and the amount of rains recorded during this season is also higher than rainfall recorded in any other season of the year. During the initial stage of the season the land for sowing the kharif crops is prepared completely and just after the first heavy rainfall of the season the kharif crops usually sown. The crops grown during this season require regular rainfall.

During the season a rainfall of 858.5 MM was recorded in the state as against 896.4 MM of the normal rainfall and it was 4.4% on lower side. This amount of rainfall recorded during the monsoon season shared 63.9% of the total rainfall recorded during the year. The highest rainfall of 1554.8 MM, 1554.2 MM and 1221.9 MM was recorded in the Districts Mandi, Kangra and Sirmaur respectively.

Like amount of rainfall, the highest number of rainy days was also recorded during this season and this number was 36.6 as against 30.4 rainy days of the last year. These rainy days were 59.5% of the total rainy days of the year 1992.

With the close of the season the kharif crops in most of the parts of the state were ready for harvesting and harvesting of minor crops like pulses, oil seeds and millets was in progress. The weather conditions of the season as a whole at the time of maturity of crops was not so favourable.

D. Post Monsoon :

Post monsoon season is from 1st October to 31st December, and during this season after harvesting the kharif crops, the sowing of rabi crops is also almost completed. A total rainfall of 20.8 MM was recorded during the season in the state as against 98.8 MM of normal rainfall and this amount of rainfall was 78.9% less than the normal rainfall. The first three districts recorded highest rainfall were Una, Chamba and Kullu respectively.

The less amount of rainfall was recorded in the month of October which was not adequate for the sowing of rabi crops and sowing of these crops were carried out in the month of November during which the adequate rainfall was recorded. During the month of December less amount of rainfall was also recorded which had also a adverse effect on the sowing growth of rabi crops. The highest amount of rainfall during post monsoon season was recorded as 43.6 MM as against 68.0 normal rainfall District Una.

Classification of Land utilisation :

Land resources of a place are not so much dependent on the extent of geographical area available for land utilisation. The later category of area delineates those different classification of the uses of land which readily appear on the records of village accountant or Patwari. This classification which gives an idea as to the extent of reliable and elaborate statistics of land utilisation which are widely used for agricultural planning. Land use classification is the systematic arrangement of various type of available land on the basis of certain defined characteristics mainly to identify and understand their fundamental utility intelligently and effectively for satisfying the needs of human life. Thus land must be carefully preserved and utilised so that it may fulfil our multifarious requirements. For best use of each parcel of land adoption of scientific and modern technology is necessary. This may help us for investigating the land use problems and be the basis of planning for the best possible use of our land according to categories of land.

The total geographical area according to Surveyor General of the India is 55,67,300 hectares i.e. 55,673 sq. kms. In comparison to the geographical area the total cadastrally surveyed area by village paper in the state during the year under review came to 33,95,434 hectares revealing thereby that the remaining difference of 21,71,866 hectares is unsurveyed and hence does not appear on revenue records of the village functionaries. The magnitude of such area in the aforesaid year was 39.0% of the total geographical area. The reporting area of cadastrally surveyed area in the summation of nine fold land use categories. The land use classification for the current year - viz - the preceding year 1991-92 has been tabulated below alongwith their percentages computed on the basis of reporting area. Even a cursory glance at table-1 would reveal that three components viz. forests, permanent pastures and other grazing lands and net area sown together accounts for nearly 82.8% of the total reporting area, leaving the remaining 17.2% area to other categories of land such as barren and unculturable land and land put to non-agricultural uses, culturable waste and fallow lands etc.

Here it may be in order to mention in respect of forest land that this report encompasses only such areas as appears on revenue records and thus the total area under Forests does not necessarily tally with the area maintained by the Forest Deptt. In fact the land use classification being followed by this deptt. differ from the definitions of forests being followed by the Deptt. of Forests. It may be pertinent to record that as per Forest Deptt. the total area in the State under forests for the year 1990-91 came to 37.59 lakhs hectares, where as the Revenue Deptt. for the same year puts the forest area estimates at 10.38 lakh hectares. The area under Forests for the year 1992-93 as per revenue records is 10.38 lakh hectares. The other reason for variation in the forests area is due to the fact that forest Deptt. is taking reserved forests, demarcated protected forests, undemarcated protected forests roads and railways strips, inclassified forests area under section 38, I.F.A., I.P.A. & HP private forest Act, contonment & Municipal Forest and other forest etc. as 'Forest Area' where as such type of forest are not actually wooded forest as such cannot find place in the land records as well as in the Agricultural Statistics returns. This will be possible only if the uniform definition of forests is adopted by both the deptts. and the revenue records are prepared accordingly in the settlement operation.

The definitions of forest as adopted by the Revenue Department has been indicated in the succeeding paras of this item.

TABLE-1

Classification of Reporting Area for the year 1991-92 & 1992-93

Category	1991-92	%age to total reporting area	1992-93	%age to total reporting area
1. Forests	10,34,700	30.5	10,38,003	30.5
2. Barren and un-culturable Land.	1,96,949	5.8	1,46,075	4.3
3. Land put to non-Agri. Uses.	2,02,788	5.9	2,01,311	5.9
4. Culturable waste	1,15,972	3.4	1,20,360	3.5
5. Permanent pastures and other grazing land.	11,50,660	33.9	12,02,971	35.4
6. Misc. tree/crops & grows not included in net area sown.	48,105	1.4	42,800	1.2
7. Current fallows	47,048	1.4	48,517	1.4
8. Other fallow land	20,139	0.6	22,834	0.6
9. Net Area sown	5,74,110	16.9	5,72,563	16.8
10. Total reporting area by village papers.	33,90,471	—	33,95,434	—
11. Gross Area sown	9,80,888	28.9	9,72,616	28.6
12. Area sown more than onces.	4,06,778	11.9	4,00,053	11.7

The summation of these nine land use classification gives the total reporting area available in the revenue records. There was no specific change in the percentage share of the nine land use categories to the total reporting area during the year under report. It further indicated that about 41.1% of the area sown was utilised more than once during the current year.

The comments on nine fold land use classification alongwith the definitions as per Himachal Pradesh land Record Manual are as follows:—

Forests:

All actually forested area on the lands classed or administered as forests under and legal enactment dealing with the forests whether state owned or private and whether wooded or maintained as potential forest land come under the category of "Forests". If any portion of private forest land is not actually wooded but put to some agriculturable use that portion shall be included under the appropriate heading of cultivated or un-cultivated land. This will not apply to state owned forests.

In order of %age share to the total reporting area this category is at place second after the category of permanent pasture and other grazing land. There is a increase in the forests area recorded. This increase is less than 1% as such needs no comments.

Barren and un-culturable land:

This include all barren and un-culturable land like mountains, deserts etc. Land which cannot be brought under cultivation unless at a high cost be classed as uncluturable whether such land is in isolated blocks or with in cultivated holdings. This category of land accounts for only 4.3% of the total reporting area during the year 1992-93.

Land put to Non-Agricultural uses:

This includes all land occupied by buildings, roads and railways or under water e.g. rivers and canals and other lands to uses other than agricultural. The land under this category accounted for 5.9% of the total reporting area.

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

Culturable waste:

This comprises all lands available for cultivation, whether taken up for cultivation or abandoned after a few years for one reason or the other. Such lands may be either fallow or covered with shrubs and jungles which are not put to any use. They may be assessed or un-assessed and may lie in isolated blocks or within cultivated holdings. Land once cultivated but could not be cultivated for five years in succession should be included under this head. The land under this category forms 3.5% of the total reporting area.

Permanent pastures and other grazing land:

This includes all grazing lands whether they are permanent pastures and in meadows or not-willage common land and grazing lands within forested areas shall be included under this head. The land under this category form 35.4% of the total reporting area and occupies major share of the total reporting area than any other category.

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

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

This category of land formed nearly 1.2% of the total reporting area.

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 than it may be treated as current fallow. The land under this category forms 1.4% of the reporting area.

Fallow land other than fallow land:

This includes all lands which were taken-up for cultivation but are temporarily out of cultivation for a period of not less than one year and not more than five year. The reason for keeping such lands fallow may be one of the following:—

- (i) Poverty of the cultivators.
- (ii) Inadequate supply of water.
- (iii) Material climate.
- (iv) Silting of canals and rivers
- (v) Un-remunerative nature of farming.

The area under this category forms only 0.6% of the total reporting area.

Net area sown:

This represents the net area sown with crops & orchards counting areas sown more than once in the same year only once i.e. net geographical area under the crops and orchards. The area under category during the year 1992-93 was 5,72,563 hectares and constituted 16.8% of the total reporting area.

Area sown more than once:

This represents the area on which crops are cultivated more than once during each agricultural year. This shall be obtained by deducting the net area sown from the total cropped area. Such area during the year 1992-93 was 4,00,053 hectares and constitute 16.8% share of the total reporting area.

Total cropped area:

This represents the total area covered with crops. This will be the sum total of areas covered by all the individuals crops areas sown with crops more than once during the year being counted as separate area for each crops. This category of area constitute 28.6% share of the total reporting area. In absolute terms the area stood at 9,72,616 hectares.

Intensity of cropping:

The intensity of cropping is the ratio of Gross area sown to the net area sown expressed as percentage. Owing to the peculiar agro climatic conditions the mountaineous nature of tracts and pattern of land holdings in the State, the extensive cultivation is not at all practicable. For increased put and better utilisation of the cultivable lands it will be desirable to introduce intensive methods of cultivation of cropping.

TABLE-2.—Intensity of cropping in each districts for the year 1991-92 and 1992-93.

Sl. No.	Name of the District	Intensity of cropping during 1991-92	Net area sown during 1992-93	Total cropped area during 1992-93	Intensity of cropping during 1992-93
1.	Bilaspur	190.5	31,855	61,503	193.07
2.	Chamba	153.5	42,572	56,499	132.71
3.	Hamirpur	195.1	37,255	73,520	197.34
4.	Kangra	181.2	1,19,549	2,18,683	182.92
5.	Kinnaur	120.2	7,485	9,207	123.00
6.	Kullu	175.2	36,358	64,064	176.20
7.	L/Spiti	106.3	3,174	3,311	104.31
8.	Mandi	171.8	94,913	1,64,522	173.35
9.	Shimla	142.6	74,548	1,02,825	137.94
10.	Sirmaur	186.3	42,744	78,323	195.82
11.	Solan	166.6	39,997	68,864	172.17
12.	Una	168.6	42,113	71,295	169.29
Total		170.9	5,72,563	9,72,616	169.87

The intensity of cropping of the state for the year under review is 169.87 per cent though there was wide inter districts variations. The district Lahaul Spiti having almost centpercent assured irrigation had a low cropping intensity of 104.31% which was attributed to its terrain being snow bound and yielding only single crop a year. The intensity of cropping was found to the maximum in respect of the District Hamirpur, revealing there by that nealy 97.3% area was sown more than once. The first districts in the descending order of intensity of cropping were Hamirpur, Sirmaur & Bilaspur. The table-2 would also reveal that cropping intensity was low in hilly areas as compared to the semi hilly and plain areas.

Sl. No.	Name of District	Intensity of cropping for the year:				
		1988-89	1989-90	1990-91	1991-92	1992-93
1.	Bilaspur	187.1	191.4	184.1	190.5	193.0
2.	Chamba	159.4	154.9	155.5	153.5	132.7
3.	Hamirpur	191.6	194.3	197.5	195.1	197.3
4.	Kangra	172.4	174.5	178.8	181.2	182.9
5.	Kinnaur	124.3	117.8	120.3	120.2	123.0
6.	Kullu	163.6	155.5	164.4	178.2	176.2
7.	L/Spiti	102.4	106.8	102.4	106.6	104.3
8.	Mandi	166.7	178.0	171.1	171.8	173.3
9.	Shimla	147.1	140.4	146.3	142.6	137.9
10.	Sirmaur	180.9	177.9	181.1	186.3	195.8
11.	Solan	167.6	165.1	170.6	166.6	172.1
12.	Una	175.0	149.4	152.7	168.6	169.2
Total		168.2	158.8	168.7	170.9	169.8

Area irrigated by different sources: Table 3A of the report:

The net irrigated area during 1992-93 was 98,826 hectares. There was decrease of 940 hectares which is negligible in the net area irrigated as compared to previous year. The kulis constitute the major source of irrigation in the state and accounted for 76.69% of the total net irrigated area during the year 1992-93. These small water channels colloquially called kulis are made by making notches on the rivers and water sources and the water is thus lead to the fields for irrigation. The predominant hilly character of the state renders the terrain unfit for boring tubewells and even the cope for lift irrigation is severely limited. Such facilities are in fact confined to the low lying areas only and accounted for only about 15.6% of the net irrigated area. The gross irrigated area comes to 1,74,724 hectares. The percentage of gross irrigated area to the gross cropped areas was 17.9% approximately.

Cropping pattern 4.A & B:

Cropping pattern indicates the level of development and the economic prospect of the state in the agricultural sector. It deals with type of crops and percentage of area under each crop. A change in cropping pattern would mean change in the proportionate area under different crops. The increase in area under high yielding variety of seeds results increase in the total out-turn. The study of cropping pattern is of greater significance for planning, rational and balanced programme of crops.

Wheat:

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

In the State as a whole, 38.9 per cent of the gross cropped area comes under wheat. It means that more than 1/3rd of the entire cropped area is accounted for by wheat alone and it ranked first in terms percentage share.

Barley:

In rabi season Barley is the second important crop in the State and is grown in the interior parts. Only 2.8 per cent area to the total gross area came under this crop during the year under report. This crop is more popular in District Chamba/Kangra/Kullu/Mandi and Shimla. However, the crop was grown in almost all the districts of the Pradesh. Its order in terms of percentage share was fourth.

Paddy:

Paddy is a staple food of people. It ranked third in order of the area point of view and it shared 8.4 per cent of the gross cropped area. Adequate water is a must for its cultivation as such this crop is only grown once a year in the State. It is sown prior to the on set of monsoon and is harvested during the month of October and November. This crop is almost grown in all the district except L/Spiti. In order of ranking with regard to growing of this crop district Kangra/Mandi and Solan were first three districts.

Maize:

Maize is another important crop of the Kharif season covering 31.0 per cent of the gross cropped area and its place in terms of percentage share to the total area was second. It is sown both under rained and irrigate conditions in all the districts of the State. District Kangra/Mandi and Hamirpur were the first three Districts growing this crop.

Other Cereals:

The other cereals constitute a numerous small and coarse grains viz: Jowar, Bajra, Ragi, Oglu Kangli, Cheena, Chalai and Bathu etc. These crops are grown in the interior parts of District Mandi/Shimla/Kullu/Chamba and Kinnaur are the staple food of the inhabitants. These cereals occupy only about 2.0 per cent of the gross cropped area.

Total Pulses:

According to the Tables above only 4.2 per cent of the total gross cropped area came under total pulses head as against similar percentage of 4.2 of the last year. The pulses are also grown in all the districts of the State. Mash, Mung, Kuth, Bharat, Rong, Gram, Peas and Masur are some important pulses grown in the State. The pulses Gram and Masur are grown in rabi season whereas the other pulses are grown in kharif season. Shimla, Mandi and Kangra were the first three districts growing these pulses in larger area.

Fruits:

Himachal Pradesh has warmer valley areas as well as perennially snow covered peaks and dry areas suited for growing fresh as well as dry fruits. Quite large chunk of area of the State is suited for growing temperate and

dry fruits like Apple, Peach, Pear, Plums, Walnut, Almond and Grapes fruits etc. In lower hills of Bilaspur, Kangra, Mandi, Sirmour and Una the fruits like Banana, Mango and Citrus fruits are also grown. Among these fruits apple occupy the first place and shared 3.5 percent of the total cropped area. Its market is not country wide but also exported. The apple of Shimla district is widely known for quality. Its delicious variety such as Royal, Rich-Red, Red and Golden have no equal match in the country. Out of 46,465 hectares area under fresh and dry fruits the area under apple was 34,630 hectares.

Total vegetable:

Only about 2.6 per cent area comes under vegetables out of which 1.4 per cent was shared by potato crop alone. Among the vegetables total area the share of potato is 56.0 per cent. Thus potato is the main cash crop in Himachal Pradesh and was grown almost in all the district of the state. Districts Shimla/Mandi/Sirmour and Kangra were the major growing districts of this crop. It occupies an important place in the economy of the state and is well known for its large production of quality and disease free potato seed. It is grown in kharif although in some lower parts where irrigation facilities are adequate, it is grown in Rabi also. The climate and topographical conditions for the State are quite favourable for growing the off season vegetables like cauliflower, cabbage and Tomato, etc and demand of these vegetables of adjoining States also met by exporting such vegetables. The revenue earned by cultivators from such vegetables is quite considerable.

Total food crops:

In the State major share in the cropped area goes to food crops which was 96.3 per cent of the total cropped area as against similar 95.9 percent of the last year. The margin of total cropped area left for non-food crops was 3.7 per cent.

Total non-food crops :

In the State as whole only 3.7 per cent of area come under non-food crops. The non-food crops constitute Rape and Mustard, Linseeds, Groundnut, Sesamum, Tobacco, Tea, Cotton and Sunhamp etc. Tea is grown in Palampur tehsil of District Kangra and Tehsil Jogindernagar of Mandi district. The total area under tea was 3038 hectares i.e. about 8.4 per cent of the total area under non-food crops. The quality of the tea is quite rich and is exported to other countries. Out of the total area under non-food crops the bulk of the area i.e. 61.1 per cent is covered by total oil seeds leaving thereby about 38.9 per cent share to other non-food crops.

Yield per hectare Table-V-A :

The Table-9 below indicates the yield per hectare in respect of four major crops i.e. Wheat, Rice, Maize and Barley for the current year as well as for the proceeding year 1991-92. The Yield per hectare as well as total production in respect of these crops determined every year on the basis of crop cutting experiments by random sampling method, with the kanungo circles as the lowest stratum. The execution of these experiments is under

the charge of Director of agriculture, Himachal Pradesh while the actual execution of the field work is done by both the departments i.e. Revenue and Agriculture. The average yield of four major crops for the year 1991-92 and 1992-93 was as given in Table—9.

TABLE-9.—Average yield per hectare in kgs. for important crops :

Sl. No.	Name of the crops	Yield per hectare in kgs.	
		1991-92	1992-93
1.	Wheat	1579	1373
2.	Rice	1236	1347
3.	Maize	1869	2067
4.	Barley	1404	1984

The yield rates of all these crops were found to be lower as compared to the rates of last year in respect of Wheat and Barley. Besides higher for kharif crops i. e. Rice & Maize.

In addition to the crops cutting experiments by Random sampling Method, these experiments are also conducted by traditional method, under chapter 22 of the Himachal Pradesh Land Records Manual. According to this method average field of villages in assessment circles are selected by the Revenue Officers, as well as by Agriculture and Settlement Deptt. staff and the results are supplied on the prescribed format. On the basis of these results normal yields per hectares of different crops are worked out by the Government as well as by Agricultural Deptt. are utilised for working out the total out-turn. These norms are based on the five years average. On each crops at least two experiment are required to be conducted by the each Revenue Officer.

The total production of cereals in the State decreased to 13.00 lakh mt. from 13.32 lakh mt. of the previous year and thus there is a decrease of 2.4 per cent. But total production in the State in respect of pulses also decreased to the extent of 472 mt. The total production food crops which also included potatoes, condiments and spices and other food crops etc. decreased to the level of 2.3 per cent. The production of non-food crops also increased from 7137 mt. of the last year to 7586 mt. during the current year.

Forecast reports :

Beside publication of average and production of each crop in this Annual Report for each Agriculture year, the forecast reports of each crop according to their sowing and harvesting season are also issued by this Directorate as per forecast calendar mentioned in Himachal Pradesh Land Records Manual. The publication, of crop forecast is most important because these are anxiously awaited by the State Government/Government of India and various other business firms so as to frame their estimates regarding availability of food grain and for determining the extent of imports and exports. Thus to streamline the flow of agricultural produce throughout the country the system of crop forecast has been introduced in

throughout the country. As envisaged in chapter 20 of the Himachal Pradesh Land Records Manual, Part-I, all forecast along with detailed introductory note on crop situation should be forwarded by the district officers to the Director of Land Records on the prescribed proforma, who in turn releases the state estimates. There are about three estimates indicating the growing and harvesting prospectus of each crop. The 1st and 2nd forecast according to para-213 of Himachal Pradesh Land Records Manual are prepared on the basis of personal observance inquiry of the revenue functionaries whereas the 3rd or final estimate are prepared on the basis of ascertainment of the actual area sown under each crop during the operation of harvest inspection conducted by Revenue Agency in the state. These estimates also provide the information regarding condition factor, normal yield, total out-turn and irrigation facilities and thus are of utmost importance. The Annual Season and Crop Report gives the annual account of the crops in the cumulative form.

Farm harvesting price Table-11:

Table-11 gave a comprehensive data of farm, harvest prices for the year 1991-92 and 1992-93 of main crops.

TABLE-11. Statement of Farm Harvest prices of important crop the year 1991-92, and vis-a-vis 1992-93:

Sl. Crop No.	Price of the crop at farm site (per quintal)		
		1991-92	1992-93
1. Rice		384.00	412.00
2. Wheat		324.00	341.00
3. Barley		296.00	316.00
4. Maize		310.00	295.00
5. Gram		991.00	1063.00
6. Sugar cane (Chr)		565.00	406.00
7. Groundnut		1583.00	1458.00
8. Rape		1355.00	1387.00
9. Mustard			
10. Tobacco		650.00	879.00

The general rise in prices was mainly due to rise in the cost of cultivation which in turn was attributable to the increase in the price of farm inputs.

These prices of the crops were collected in respect of the selected centre in each district as per chapter 21 of the Himachal Pradesh Land Records Manual. Accordingly the farm prices of a commodity are defined as the average wholesale price at which the commodity is disposed off by producer to the trader at the village site during the specified harvest period. Over the State as a whole the increase in the farm prices was observed in respect of all the crops in general.

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

TABLE 12.—Agriculture Wages (in rupees) in the State in the whole for the year 1991-92 and 1992-93

Sl. Category of Labour No.	1991-92	1992-93
1. Carpenters	52.00	57.00
2. Black Smiths	44.98	47.00
3. Cobblers	40.26	45.00
4. Field Labour	34.66	36.00
5. Other Agricultural Labour	29.88	30.90
6. Herdsmen	28.50	30.58

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

These wages according to chapter-23 of the Himachal Pradesh Land Records Manual are collected from the selected centre of each districts. The wages are collected on the prescribed proforma on monthly and average rate of these wages computed in the report have been compiled on the basis of these monthly statements.

SUMMARY TABLES

A—Classification of Area

(In hectares).

Heads of classification 1	1987-88		1988-89		1989-90	
	Area 2	% of total 3	Area 4	% of total 5	Area 6	% of total 7
Total Geographical Area :						
By Professional Survey	55,67,300	100	55,67,300	100	55,67,300	100
Reporting area for land utilisation purposes (By Village Papers)	33,49,546	60	33,57,536	60	33,67,634	60
Classifications :						
Forests	9,31,552	28	9,24,365	28	10,40,863	31
Barren and unculturable land	1,91,702	6	1,90,617	6	1,77,778	5
Land put to non-agricultural uses	2,02,706	6	2,09,657	6	1,92,775	6
Culturable waste	1,25,573	4	1,26,408	4	1,26,758	4
Permanent pastures and other grazing lands	12,15,835	36	12,23,803	36	11,27,633	33
Land under misc. tree crops and groves not included in area sown	43,936	1	43,097	1	45,883	1
Current fallows	45,355	1	38,516	1	48,770	1
Other fallow land	17,047	1	17,702	1	25,205	1
Net area sown	5,75,870	17.3	5,83,571	17.3	5,81,967	17
Area sown more than once	3,98,893	11.9	3,99,258	11.9	3,88,691	12
Total cropped area	9,74,763	29.1	9,82,829	29.3	9,70,658	29

(In hectares).

Heads of classification 1	1990-91		1991-92		1992-93	
	Area 8	% of total 9	Area 10	% of total 11	Area 12	% of total 13
Total Geographical Area :						
By Professional Survey	55,67,300	100	55,67,300	100	55,67,300	100
Reporting area for land utilisation purposes (By Village Papers)	33,67,596	60	30,90,471	61%	33,95,434	60.9
Classifications :						
Forests	10,38,989	3	10,34,700	33%	10,38,093	30.5
Barren and unculturable land	1,83,794	5	1,96,949	6%	1,46,075	4.3
Land put to non-agricultural uses	1,93,186	6	2,02,788	6	2,01,311	5.9
Culturable waste	1,25,137	4	1,15,972	3	1,20,360	3.5
Permanent pastures and other grazing lands	11,35,437	34	11,50,660	34	12,02,971	35.4
Land under misc. tree crops and groves not included in area sown	48,168	1	48,105	1	42,800	1.2
Current fallows	44,690	1	47,048	1	48,317	1.4
Other fallow land	15,378	5	20,139	1	22,834	0.6
Net area sown	5,82,797	17	5,74,110	17	5,72,563	16.8
Area sown more than once	4,00,802	12	4,06,778	12	4,00,075	11.7
Total cropped area	9,83,599	29	9,80,888	29	9,72,638	28.6

SUMMARY TABLES—contd.

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

	(in hectares)					
1	1987-88 2	1988-89 3	1989-90 4	1990-91 5	1991-92 6	1992-93 7
Percentage of net area irrigated to net area sown	17.0%	17.0%	17.0%	17.0%	17.3%	17.2%
Area irrigated more than once in the same year (in hectares)	74,984	76,330	76,443	67,317	74,821	75,895
Total gross area of crops irrigated (in hectares)	1,73,010	1,75,842	1,75,842	1,66,787	1,74,556	1,74,721
Per cent of total irrigated area to total sown area	17.7%	17.4%	18.0%	16.9%	17.7%	18.0%
Number of wells having independent ayacuts	275	—	—	—	—	—
Number of wells supplementary recognised sources of irrigation	2	—	—	—	—	—
per cent of area irrigated by wells having independent ayacuts to the total area irrigated	—	—	—	—	—	—

SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom

(In hectares)

	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
1	2	3	4	5	6	7
(i) Specification of Sources :						
Private canals—						
Number	3,779	10,475	10,475	10,475	10,475	10,475
Length in kilometre	2,355	—	—	—	—	—
Government canals—						
Number	368	6,420	6,420	6,420	6,420	6,420
Length in kilometre	198	—	—	—	—	—
Tubewells—						
Government	172	—	—	1,275	1,275	1,275
Private	972	—	—	179	179	179
Total	1,144	1,437	1,437	1,454	1,454	1,454
No. of other Government wells used for irrigation purposes only—						
Masonry	19	—	—	—	—	—
Non-masonry	—	—	—	—	—	—
No. of other private wells used for irrigation purposes only—						
Masonry	1,058	—	—	2,09	2,109	2,109
Non-Masonry	173	—	—	—	—	—
No. of total wells in use for irrigation purposes	1,250	2,109	2,109	2,109	2,109	2,109
No. of wells used for domestic purposes only	2,865	—	—	—	—	—
No. of wells not in use	196	179	179	—	—	—
No. of reservoirs	52	—	—	—	—	—
No. of Tanks—						
With Ayacut 100 hectares or more	44	—	—	14	14	14
With Ayacut less than 100 hectares	427	14	14	4	4	4
Total	471	14	14	18	18	18
No. of oil engines	241	1,297	1,297	28	39	39
(ii) Net Area Irrigated by—						
Government canals	6,702	6,475	7,093	7,554	—	6,954
Private canals	—	—	—	—	—	2,122
Tanks	571	—	1,424	1,404	663	798
Wells	6,612	11,100	5,990	3,773	3,711	5,592
Other sources	84,141	81,937	87,292	70,983	95,362	83,360
Total	98,026	99,512	99,399	99,470	99,736	98,826

SUMMARY TABLES—contd.

C—Area of Crops Irrigated—contd.

(In hectares)

Crops	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
1	2	3	4	5	6	7
Jute	—	—	—	—	—	—
Sun Hemp	16	92	10	4	29	6
Groundnut	50	60	118	23	34	38
Coconut	—	—	—	—	—	—
Sesamum	463	331	270	293	360	292
Rape	125	67	91	84	54	199
Mustard	435	440	3,647	716	800	730
Linseed	4,420	3,873	—	3,418	3,395	1,923
Taramira	46	127	74	—	31	83
Sunflower	—	—	—	—	103	289
Rubber	—	—	6	—	—	—
Tobacco	18	10	15	17	9	10
Coffee	—	—	—	—	—	—
Tea	1,362	1,130	1,307	1,269	1,205	1,277
Indian Hemp	—	—	2	—	—	—
Nursery	—	—	—	—	—	12
Cardamoms	—	—	—	—	—	—
Chillies	—	—	—	—	—	—
Ginger	—	—	—	—	—	—
Pepper	—	—	—	—	—	—
Turmeric	—	—	—	—	—	—
Fodder crops	3,155	3,791	5,249	4,011	4,537	4,110
Miscellaneous food crops	912	138	665	602	368	440
Total non-food crops	10,995	10,110	12,063	10,478	10,958	9,808
Total irrigated crops	1,73,010	1,71,230	1,75,842	1,66,787	1,74,588	1,74,721

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SUMMARY TABLES—contd.

C—Area of Crops Irrigated

(In hectares)

Crops	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
1	2	3	4	5	6	7
(i) Food Crops:						
Rice—						
Autumn	—	—	—	—	—	—
Winter	—	—	—	—	—	—
Summer	50,172	49,253	50,773	49,088	49,984	50,334
Total	50,172	49,253	50,773	49,088	49,984	50,334
Wheat	64,049	63,765	68,152	65,137	68,182	67,329
Jowar—						
Rabi	—	—	—	—	—	—
Kharif	4	—	—	—	5	—
Total	4	—	—	—	5	—
Bajra	14	21	26	43	28	35
Barley	4,672	4,388	4,185	4,403	4,492	4,221
Maize	24,527	24,720	24,281	21,675	24,457	23,866
Ragi	353	249	324	168	227	267
Other pulses	617	747	10	—	992	866
Peanut	—	—	—	—	1,574	2,846
Soyabean	—	—	—	—	—	—
Little millets	—	—	719	283	154	—
Common millets	2,050	2,119	1,097	1,724	1,667	1,750
Gram	638	395	299	350	251	198
Green gram	64	42	37	25	80	76
Other vegetable	—	—	—	—	—	—
Black gram	203	388	104	—	492	826
Horse gram	123	85	230	970	101	114
Masur	412	208	763	344	258	209
Sugarcane	861	784	763	757	878	968
Potatoes	3,146	3,472	3,094	4,470	3,089	3,243
Misc. food crops	8,455	9,365	8,619	5,815	4,588	6,933
Orchards	—	—	—	—	552	—
Cardamoms	1	—	1	1	—	—
Chillies	456	181	244	158	150	197
Ginger	902	664	647	718	784	781
Other Spices	284	309	159	170	238	243
Turmeric	12	15	15	10	12	23
Total Food Crops	1,22,015	1,61,120	1,63,779	1,56,309	1,63,619	1,65,325
(ii) Non-Food Crops:						
Cotton—						
Desi	52	50	55	41	37	26
American	1	1	—	—	—	—
Total	53	51	55	41	37	26

SUMMARY TABLES—contd.

D—Area under all Crops

(in hectares)

Crops 1	1987-88 2	1988-89 3	1989-90 4	1990-91 5	1991-92 6	1992-93 7
Paddy Rice—						
Winter						
Summer	90,174	94,787	88,657	84,939	83,189	81,903
Total	90,174	94,787	88,657	84,939	83,189	81,903
Wheat	3,75,250	3,73,225	3,70,653	3,76,278	3,81,889	3,78,674
Jowar—						
Rabi						
Kharif	176	217	—	6	5	—
Total	176	217	—	6	5	—
Bajra	38	53	58	64	78	116
Barley	31,466	29,103	28,660	29,295	28,001	27,104
Maize	3,00,050	3,15,101	3,13,585	3,19,111	3,13,856	3,10,314
Ragi	7,027	5,916	6,385	5,944	5,149	5,072
Italian millets	—	—	413	337	—	—
Kodo	3	1	1	—	—	—
Little millets	—	—	—	—	—	—
Common millets	18,484	18,581	16,241	15,609	15,445	14,905
Other Cereals—						
Kharif	1,075	1,073	474	—	—	—
Rabi	—	—	—	—	—	123
Total	1,084	1,073	474	—	—	123
Total cereals	8,24,750	8,38,057	8,25,126	8,31,583	8,27,612	8,18,211
Gram	7,603	5,760	5,830	3,372	2,759	2,420
Green gram	78	137	118	110	62	161
Red gram	205	508	542	496	284	332
Black gram	17,257	19,871	18,597	19,724	18,104	19,049
Horse gram	5,242	5,902	4,718	4,630	4,375	4,857
Masur	2,454	2,236	2,044	2,303	2,082	1,564
Other pulses—						
Kharif	9,819	6,171	7,396	8,006	9,765	6,370
Rabi	1,417	3,189	1,211	1,331	5,150	6,314
Total	11,236	9,360	8,607	9,337	14,605	12,684
Total pulses	44,075	43,774	40,476	39,982	42,581	41,067
Total foodgrains	8,68,825	8,81,831	8,65,602	8,71,224	8,70,193	8,59,278
Sugar crops—						
Sugarcane	2,952	2,984	2,541	2,460	2,161	2,338
Other Sugar crops	—	—	—	—	—	—
Total	2,952	2,984	2,541	2,460	2,161	2,338

SUMMARY TABLES—cont'd.

D—Area under all Crops—concl'd.

(in hectares)

Crops 1	1987-88 2	1988-89 3	1989-90 4	1990-91 5	1991-92 6	1992-93 7
Total non-food crops	34,678	32,877	33,921	33,847	36,776	35,726
Grand Total	9,74,763	9,82,829	9,70,651	9,83,599	9,80,888	9,72,616
Area cropped more than once	3,88,022	3,99,258	3,88,691	4,00,802	4,06,778	4,00,093
Net cropped area	5,75,870	5,83,571	5,81,967	5,82,797	5,74,410	5,72,563
Cropped area of forecast crops—						
Failed	6,83,784	4,56,138	—	—	—	—
Matured	2,90,979	5,26,691	—	—	—	—
Total gross un-adjusted area under various crop mixtures	—	—	—	—	—	—

SUMMARY

B—Average yield per Hect condition of the

Crops	1987-88		1988-89	
	Average yield 2	Total outturn 3	Average yield 4	Total outturn 5
Rice—				
Winter	—	—	—	—
Summer	863	76,117	1,038	89,827
Total	863	76,117	1,038	89,827
Wheat	937	3,51,970	1,374	5,13,187
Jowar—				
Rabi	—	—	—	—
Kharif	161	1	—	1
Total	161	1	—	1
Bajra	28	1	—	11
Barley	938	32,642	1,217	35,282
Maize	1,383	4,14,978	1,503	4,83,265
Ragi	542	1,633	428	2,460
Common & little millets	743	4,539	231	4,290
Other cereals	—	—	—	—
Total cereals	—	8,81,881	—	11,28,323
Gram	192	971	499	2,872
Other pulses (Kharif and Rabi)	—	1,504	—	2,082
Green gram	58	6	131	18
Red gram	213	2	396	201
Black gram	50	1,600	87	1,736
Horse gram	48	541	84	496
Masur	193	535	372	832
Total Pulses	—	5,159	—	8,237
Total foodgrains	—	8,87,040	—	11,36,560
Sugarcane	858	2,019	640	1,909
Potatoes	2,197	34,849	7,095	1,10,000
Chillies	256	193	188	114
Ginger	631	303	373	613
Turmeric	350	5	264	14
Cardamom	—	—	—	—
Pepper	—	—	—	—
Other condiments & spices	—	—	—	97
Total food crops	—	9,24,409	—	12,49,307

TABLES—contd.

Crops and the total outturn of Crops

1989-90		1990-91		1991-92		1992-93	
Average yield 7	Total outturn 8	Average yield 9	Total outturn 10	Average yield 11	Total outturn 12	Average yield 13	Total outturn 14
—	—	—	—	—	—	—	—
1,381	1,25,400	1,254	1,06,497	1,236	1,03,018	1,347	1,10,338
1,381	1,25,400	1,254	1,06,497	1,236	1,03,018	1,347	1,10,338
1,226	5,43,689	1,579	6,01,716	1,579	5,93,468	1,373	5,03,120
—	—	—	—	—	—	—	—
—	—	—	—	—	3	—	—
—	—	—	—	—	3	—	—
382	18	—	35	—	28	—	—
1,020	37,097	1,470	43,051	1,404	35,607	1,184	32,075
2,010	6,69,197	—	6,54,957	1,869	5,89,219	2,067	6,41,567
—	4,355	—	4,051	651	3,873	—	4,180
358	8,894	—	—	427	7,028	465	9,217
—	—	—	—	—	—	—	—
—	13,57,784	—	14,20,630	—	13,32,241	—	13,00,497
439	1,709	539	2,225	535	1,500	—	1,414
—	5,457	—	4,413	—	5,227	—	2,522
315	29	—	21	319	82	—	72
359	75	—	—	—	91	—	207
319	2,611	319	4,396	373	3,791	—	5,714
280	541	389	1,084	389	1,357	—	1,603
304	450	377	355	377	571	—	485
—	10,872	—	12,673	—	12,559	—	12,087
—	13,68,650	—	14,33,303	—	13,44,803	—	13,12,504
1,339	2,933	1,614	3,168	1,614	2,814	—	2,871
4,613	2,03,042	7,050	1,05,858	10,484	1,50,924	—	14,47,335
337	233	337	233	209	178	—	221
1,629	635	1,629	635	312	703	—	1,203
491	23	491	23	396	25	—	38
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	1,357	—	1,811
—	15,75,522	—	15,44,739	—	15,00,805	—	14,63,453

SUMMARY.

E—Average yield per Hect. condition of the

Crops 1	1987-88			1988-89	
	Standard yield 2	Average yield 3	Total outturn 4	Average yield 5	Total outturn 6
Non-food Crops—					
Coconut	—	—	—	—	—
Sesamum	—	168	1,098	122	923
Rape	—	283	47	—	93
Mustard	—	201	844	319	2,048
Linseed	—	171	1,019	554	2,026
Castor	—	—	77	—	183
Groundnut	—	147	34	327	120
Indigo	—	—	—	—	—
Rubber	—	—	—	—	—
Tobacco	—	293	323	402	35
Coffee	—	—	—	—	—
Tea	—	—	1,133	—	742
Hemp	—	275	76	254	64
Soya	—	—	—	—	—
Cotton—					
Desi	—	340	75	320	114
American	—	—	—	—	—
Jute	—	—	—	—	—
Sun Hemp	—	—	—	—	—
Hemp	—	—	—	—	—
Total Non-food Crops	—	—	4,436	—	6,346
Total Food and Non-food Crops	—	—	9,28,815	—	12,55,653

TABLES—contd.

Crops and the total outturn of Crops—concl'd.

1989-90		1990-91		1991-92		1992-93	
Average yield 7	Total outturn 8	Average yield 9	Total outturn 10	Average yield 11	Total outturn 12	Average yield 13	Total outturn 14
—	—	—	—	—	—	—	—
296	3,323	—	1,547	312	2,398	350	2,062
354	915	—	—	338	—	—	1,174
483	1,639	—	2,870	406	2,788	—	2,292
248	1,362	—	1,267	349	1,322	—	1,277
—	—	—	—	—	—	—	—
619	220	—	145	416	488	—	363
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
386	50	—	52	—	49	—	45
—	—	—	—	—	—	—	—
—	—	—	878	—	92	—	—
278	74	—	234	—	275	—	294
—	—	—	Bales	—	Bales	—	Bales
—	—	—	—	—	—	—	—
452	92	—	6	—	—	—	79
—	—	—	—	—	—	—	294
—	—	—	—	—	127	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	7,680	—	—
—	7,683	—	6,873	—	7,137	—	7,586
—	15,83,205	—	15,51,612	—	15,07,992	—	14,71,039

SUMMARY TABLES—*contd.*

F—Farm prices of Principal Crops

(In Rupees per quintal)

	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
1	2	3	4	5	6	7
Rice	279.50	301.72	322.00	327.00	384.00	412.00
Wheat	221.79	241.12	257.00	286.00	324.00	341.00
Jowar	—	—	—	—	—	—
Bajra	—	212.50	195.00	200.00	207.00	250.00
Barley	202.95	227.44	223.00	254.00	296.00	316.00
Gram	609.91	801.91	883.00	930.00	991.00	1063.00
Maize	195.51	223.37	221.00	233.00	310.00	295.00
Cotton	1313.84	1147.25	939.00	1310.00	1210.00	1392.00
Jute	644.13	—	—	—	—	—
Sugar raw	349.75	506.25	319.00	504.00	565.00	406.00
Groundnut	853.00	962.50	909.00	1017.00	1583.00	1458.00
Castor seed	—	—	850.00	—	—	—
Linseed	744.94	804.45	982.00	1055.00	1142.00	1443.00
Rape	—	—	866.00	1184.00	1355.00	1387.00
Mustard	862.03	890.10	1033.00	—	—	—
Sesamum	1019.93	1208.17	1147.00	1353.00	1460.00	1446.00
Tobacco	571.70	522.40	681.00	812.00	650.00	879.00
Ginger	651.97	712.87	912.00	949.00	1074.00	1144.00
Ragi	—	—	—	—	298.00	—

SUMMARY TABLES—contd.

G—Agricultural Wages

(In Rupees)

Months and year	Skilled Labour					
	Carpenters	Black-smiths	Cobblers	Field Labour	Other Agril. Labour	Herds-men
	1	2	3	4	5	6
1991-92—						
July	48.33	42.66	37.90	33.33	27.45	26.54
August	48.95	43.41	39.05	34.12	34.16	27.09
September	51.75	44.91	39.90	34.58	30.91	27.81
October	51.83	45.08	40.20	35.41	29.33	28.09
November	52.41	45.16	40.33	35.25	29.33	28.09
December	52.50	45.41	40.54	35.45	28.58	30.94
January	52.83	45.83	41.05	35.60	29.42	28.54
February	53.33	42.95	41.05	35.76	29.08	28.45
March	49.90	45.91	40.05	33.25	29.54	28.45
April	53.66	46.05	41.05	36.10	30.29	29.09
May	54.45	46.05	41.00	33.58	30.29	29.90
June	54.08	46.41	41.04	33.58	30.29	29.09
Average for the year 1991-92	52.00	44.98	40.26	34.66	29.88	28.50

1992-93—						
July	56.00	46.00	43.00	35.00	30.00	32.00
August	56.00	46.00	45.00	36.00	30.00	30.00
September	56.00	46.00	45.00	36.00	30.00	31.00
October	56.00	46.00	45.00	36.00	30.00	30.00
November	56.00	46.00	46.00	36.00	30.00	30.00
December	57.00	48.00	46.00	36.00	31.00	30.00
January	57.00	46.00	45.00	37.00	31.00	31.00
February	58.00	48.00	45.00	36.00	32.00	31.00
March	58.00	48.00	45.00	36.00	31.00	31.00
April	58.00	48.00	45.00	36.00	32.00	31.00
May	58.00	48.00	45.00	36.00	32.00	31.00
June	58.00	48.00	46.00	36.00	32.00	30.00
Average for the year 1992-93	57.00	47.00	45.00	36.00	31.00	31.00

SUMMARY TABLES—concl'd.

H—Number of Livestock, Poultry and Agricultural Machinery

	1982	1988
Cattle:		
Males over 3 years—		
Breeding bulls	1,15,348	} 8,92,205
Other males over 3 years	7,38,462	
Female over 3 years—		
Breeding cows	3,37,745	3,74,581
Other cows over 3 years	35,542	3,57,626
Young stock	6,26,656	6,20,403
Total cattle	21,73,663	22,44,815
Buffaloes:		
Males over 3 years—		
Breeding bulls	5,183	7,695
Other males over 3 years	7,627	93,649
Females over 3 years—		
Breeding cows	2,20,742	2,79,602
Other Cows over 3 years	1,92,353	1,85,790
Young stock	1,90,009	2,31,255
Total Buffaloes	6,16,415	7,94,991
Total Sheep	10,90,322	11,12,768
Total Goats	10,59,862	11,20,139
Horses and Ponies:		
Males over 3 years	7,391	9,079
Females over 3 years	6,265	7,412
Young stock	3,014	3,596
Total Horses and Ponies	16,670	20,147
Mules	12,679	23,105
Donkey	6,613	8,011
Camels	714	327
Pigs	8,107	17,976
Total livestock	49,88,540	53,42,279
Poultry:		
Fowls	4,60,972	7,53,476
Ducks	198	145
Others	115	255
Total Poultry	4,61,285	7,53,876
Agricultural Machinery and Implements:		
Plough	6,23,761	7,99,207
Carts	3,403	4,722
Sugarcane Crushers	2,961	1,413
Tractors	936	1,319
Oil Engines	1,177	2,358
Electric Pump	585	934
Ghanis	NA	1

TABLE

Average Rainfall in each District of

District	Winter From 1st January to 28th February						No. of rainy days
	January		February		Total for the season		
	Current	Normal	Current	Normal	Total rainfall	Corres- ponding normal	
1	2	3	4	5	6	7	8
Bilaspur	93.1	57.9	54.6	59.3	147.7	117.2	11.0
Chamba	214.0	119.0	135.4	114.3	349.4	233.3	11.7
Hamirpur	94.5	68.5	100.3	58.8	194.8	127.3	10.4
Kangra	194.2	89.9	186.5	82.7	380.7	176.6	11.6
Kinnaur	283.4	95.3	160.1	98.7	443.5	194.0	11.0
Kullu	229.0	88.5	58.4	95.5	287.4	184.0	12.0
Lahaul and Spiti	182.0	64.7	12.2	71.7	194.2	136.4	11.0
Mandi	150.7	72.2	69.2	65.4	219.9	137.6	12.4
Shimla	165.2	107.8	63.0	80.1	228.2	187.9	9.9
Sirmaur	81.0	83.8	56.7	61.4	137.7	145.2	9.0
Solan	137.7	76.1	87.7	48.5	225.4	124.6	9.0
Una	94.5	51.5	56.6	48.1	151.1	99.6	8.5
State Average	159.9	81.2	86.7	73.7	246.6	154.9	10.6

Monsoon
1st June to 30th September

District	Monsoon 1st June to 30th September										No. of rainy days
	June		July		August		September		Total for the season		
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Total rain- fall	Corres- pond- ing nor- mal	
1	18	19	20	21	22	23	24	25	26	27	28
Bilaspur	72.8	104.6	241.4	404.5	449.6	330.1	82.2	186.9	846.0	1026.1	41.5
Chamba	66.8	38.1	311.4	280.4	341.2	241.2	150.9	143.2	870.3	702.9	41.5
Hamirpur	46.5	92.7	325.0	406.5	740.5	414.7	70.3	160.9	1182.3	1074.8	46.1
Kangra	114.8	128.8	520.7	622.4	749.8	681.8	168.9	237.2	1554.2	1670.2	43.6
Kinnaur	13.3	30.0	98.1	72.0	80.2	66.3	10.3	68.2	201.9	236.5	26.9
Kullu	—	94.6	—	166.7	65.3	180.4	—	91.8	65.5	533.5	16.0
Lahaul and Spiti	—	12.8	64.5	43.1	165.0	35.1	—	55.9	229.5	146.7	14.5
Mandi	75.0	161.6	405.7	475.8	844.8	329.3	229.3	185.9	1554.8	1152.6	45.0
Shimla	69.2	172.7	242.6	309.1	275.4	211.8	137.1	142.7	724.3	757.3	45.7
Sirmaur	110.4	108.6	387.1	395.1	575.5	373.0	148.9	185.9	1221.9	1062.6	48.5
Solan	104.8	145.5	228.2	578.7	498.1	559.8	172.8	250.2	1003.9	1534.2	39.5
Una	108.4	86.7	265.3	338.0	412.8	284.9	61.0	150.6	847.5	860.2	31.0
State Average	65.2	92.2	257.5	340.2	433.2	309.0	102.6	154.9	858.5	896.4	36.6

No. 1

Himachal Pradesh (State) in 1992

(In millimetres).

Pre-Monsoon 1st March to 31st May									
March		April		May		Total for the season			
Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corres- pond- ing normal	No. of rainy days	
9	10	11	12	13	14	15	16	17	
28.8	64.3	2.2	19.6	—	40.5	31.0	124.6	3.0	
527.6	140.6	67.3	87.2	138.2	80.1	733.1	307.9	24.1	
50.3	53.6	1.0	25.2	47.0	28.5	98.3	107.3	9.0	
90.5	80.4	20.5	410.0	73.4	41.5	184.4	162.9	11.2	
216.3	99.1	28.3	70.7	61.6	64.4	300.2	234.2	23.3	
83.0	119.9	31.4	73.9	115.3	56.9	229.7	242.7	20.0	
294.0	112.7	73.0	82.8	106.0	64.6	473.0	260.1	19.0	
88.7	82.2	14.0	42.5	82.8	58.9	185.5	183.6	9.9	
101.0	80.9	13.6	46.4	62.0	59.3	176.9	186.6	16.1	
11.4	58.8	—	21.1	28.3	34.9	39.7	114.8	3.7	
33.2	50.4	—	11.7	38.5	28.5	71.7	90.6	4.7	
27.5	41.3	—	18.5	38.7	16.8	66.2	76.6	6.5	
128.9	81.3	20.9	45.0	66.0	47.9	215.8	174.3	12.3	

Post-Monsoon
1st October to 31st December

Post-Monsoon 1st October to 31st December											
October		November		December		Total for the season			Total for the year		
Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Total rain- fall	Corres- pond- ing normal	Number of rainy days	Total rain- fall	Corres- pond- ing Normal	Total No. of rainy days
29	30	31	32	33	34	35	36	37	38	39	40
1.5	28.5	12.9	14.3	—	36.5	14.4	79.3	0.5	1039.1	1347.2	56.0
10.2	69.8	23.8	36.8	6.7	71.1	40.7	177.7	3.4	1993.5	1421.8	80.7
6.0	27.0	12.0	8.0	1.3	32.8	19.3	67.8	2.6	1494.7	1377.2	68.1
4.9	45.7	3.8	12.5	—	47.5	8.7	105.7	1.1	2128.0	2111.4	67.5
0.9	36.4	10.8	13.0	—	58.0	11.7	107.4	1.8	957.3	772.1	63.0
—	31.4	21.2	13.7	17.2	41.4	38.4	86.5	3.0	621.0	1046.7	51.0
—	22.1	35.0	14.5	—	29.9	35.0	66.5	2.0	931.7	609.7	46.5
1.0	54.3	6.4	16.3	—	36.2	7.4	106.8	0.4	1967.6	1580.6	67.7
2.5	47.3	11.0	14.4	2.9	49.1	16.4	110.8	2.0	1146.2	1242.6	73.7
—	60.9	13.9	9.4	—	27.5	13.9	97.8	1.0	1413.2	1420.4	62.2
—	70.2	—	9.5	—	32.0	—	111.7	—	1301.0	1861.1	53.2
18.6	38.1	24.0	4.7	1.0	25.2	43.6	68.0	3.0	1108.4	1104.4	49.0
3.8	44.3	14.6	13.9	2.4	40.5	20.8	98.8	17.3	1341.7	1324.5	61.5

TABLE

Classification of area in each District of

District	Total geographical area		CLASSIFICATION			
	By professional survey	Reporting area for land utilisation purposes (by village papers)	Forests	Barren and unculturable land	Land put to non-agricultural uses	Culturable waste
1	2	3	4	5	6	7
Bilaspur	1,16,700	1,15,470	11,454	6,419	15,165	4,486
Chamba	6,51,500	6,92,422	2,71,613	5,250	11,191	5,847
Hamirpur	1,11,800	1,09,913	19,965	16,169	17,121	9,425
Kangra	5,73,900	5,78,157	2,24,423	—	81,573	39,961
Kinnaur	6,55,300	2,47,189	22,336	33,436	9,449	5,891
Kullu	5,50,300	50,021	83	4,634	2,886	3,458
Lahaul and Spiti	1,36,930	2,15,636	1,10,058	4,413	1,535	664
Mandi	3,95,100	3,96,880	1,71,420	10,455	13,317	4,464
Shimla	5,13,100	4,30,248	1,09,792	15,848	8,507	10,068
Sirmaur	2,82,600	2,24,752	48,005	7,904	9,876	13,056
Solan	1,93,700	1,80,547	20,204	10,441	10,809	12,722
Una	1,54,000	1,54,199	28,650	31,108	19,882	10,318
H P. State Total	55,67,300	33,95,434	10,38,003	1,46,075	2,01,311	1,20,360

Note.—1. The difference in total geographical area by professional survey and by unmeasured and is not finding place in the revenue records.

2. The difference in Forest area between Forest and Revenue Department is

NO. II

Himachal Pradesh (State) for the year 1992-93

(In hectares)

CATION

Permanent pastures and other grazing lands	Land under misc. tree crops and groves not included in area sown	Current fallows	Other fallows: land	Net area sown	Area sown more than once	Total cropped area
8	9	10	11	12	13	14
43,317	73	1,937	764	31,855	29,648	61,503
3,53,509	9	2,142	289	42,572	13,927	56,499
296	—	9,206	476	37,255	36,265	73,520
97,107	2,130	8,244	5,170	1,19,549	99,134	2,18,683
1,66,494	93	395	1,612	7,485	1,722	9,207
27	235	2,340	—	36,358	27,706	64,064
95,599	106	159	28	3,174	137	3,311
99,042	208	2,455	606	94,913	69,609	1,64,522
1,99,456	2,657	7,855	1,517	74,548	28,277	1,02,825
61,382	36,658	4,120	1,007	42,744	35,579	78,323
79,965	483	5,129	797	39,997	28,867	68,864
6,877	148	4,534	10,568	42,113	29,182	71,295
12,02,971	42,800	4,8517	22,834	5,72,563	4,00,053	9,72,616

village papers is due to the reason that about 39% of the total geographical area is

due to varied classifications/categories being adopted by these Departments.

Sources of water supply and area irrigated therefrom

Kuhls

District	Government		Private	
	Number	Length in kilometre	Number	Length in kilometre
1	2	3	4	5
Bilaspur	70	—	859	—
Chamba	237	—	789	—
Hamirpur	43	—	318	—
Kangra	924	—	2,297	—
Kinnaur	322	—	348	—
Kulu	37	—	243	—
Lahaul and Spiti	119	—	433	—
Mandi	2,365	—	1,681	—
Shimla	919	—	364	—
Sirmaur	579	—	1,360	—
Solan	780	—	1,711	—
Una	17	—	72	—
H.P. State Total	6,420	—	10,465	—

Tanks

Net area irrigated by

District	With Ayacut		Total	No. of oil engines	Government canals		Tanks
	100 hectares or more	less than 100 (in hectares)					
1	17	18	19	20	21	22	23
Bilaspur	5	—	5	28	915	1,478	31
Chamba	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—
Kulu	—	—	—	—	—	—	—
Lahaul and Spiti	—	—	—	3	—	—	—
Mandi	—	—	—	—	—	—	—
Shimla	1	—	1	—	—	—	—
Sirmaur	2	4	6	8	3,357	—	100
Solan	1	—	1	—	2,682	644	667
Una	5	—	5	—	—	—	—
H.P. State Total	14	4	18	39	6,964	2,122	798

NO. III-A

in each District of Himachal Pradesh (State) in 1992-93

Tubewells			Wells			No. of wells used for domestic purposes only	No. of wells not in use	Lift Irrigation Schemes
Shadow Tube Wells	Deep Tube Wells	Total	No. of other wells used for irrigation purposes only					
			Govt.	Private	Total	14	15	16
6	7	8	Masonry	Non-Masonry	Non-Masonry			
9	10	11	12	13	14	15	16	
30	9	39	—	—	190	—	—	198
—	—	—	—	—	—	—	—	10
31	—	31	—	—	182	—	—	71
55	—	55	—	—	25	—	—	12
—	—	—	—	—	—	—	—	—
—	1	1	—	—	5	—	—	11
—	—	—	—	—	—	—	—	3
26	—	26	—	—	20	—	—	17
—	—	—	—	—	199	—	—	9
79	68	147	—	—	285	—	—	51
175	25	200	—	—	1,203	—	—	58
879	76	955	—	—	—	—	—	49
1,275	179	1,454	—	—	2,109	—	—	439

(in hectares)			% of net area irrigated to net area sown	Area irrigated more than once in the same year in hectares	Total gross area of crops irrigated (in hectares)	% of total irrigated area to total sown area	No. of wells having independent ayacuts	No. of wells supplementary recognised sources of irrigation	% of area irrigated by having independent ayacuts to the total area irrigated
Wells	Other sources	Total							
24	25	26	27	28	29	30	31	32	33
—	486	2,910	9.1	2,845	5,755	9.3	—	—	—
—	5,089	5,089	11.9	1,117	6,206	10.9	—	—	—
41	1,725	1,766	4.7	1,470	3,236	4.4	—	—	—
2,122	29,839	31,960	26.7	32,132	64,092	29.3	—	—	—
—	4,258	4,258	56.8	885	5,143	55.8	—	—	—
—	2,175	2,175	5.9	—	2,175	3.3	—	—	—
—	3,146	3,146	99.1	165	3,311	100.0	—	—	—
305	42,941	43,246	13.9	11,983	25,229	15.3	—	—	—
—	4,012	4,012	5.3	2,636	6,648	7.5	—	—	—
1,678	9,045	10,723	33.1	11,605	25,785	32.9	—	—	—
1,446	4,151	5,597	23.9	7,087	16,677	24.2	—	—	—
—	6,494	6,494	15.4	3,970	10,464	14.6	—	—	—
5,592	83,360	88,952	17.2	75,895	1,74,721	18.0	—	—	—

TABLE

Area of Crops Irrigated in each District of

District	Food			
	Rice			Total
	Autumn (Aus.) 2	Winter (Aman) 3	Summer (Boro) 4	
1				5
Bilaspur	—	—	—	1,420
Chamba	—	—	—	2,326
Hamirpur	—	—	—	988
Kangra	—	—	—	24,473
Kinnaur	—	—	—	1
Kulu	—	—	—	1,719
Lahaul and Spiti	—	—	—	—
Mandi	—	—	—	10,288
Shimla	—	—	—	1,972
Sirmaur	—	—	—	3,614
Solan	—	—	—	2,859
Una	—	—	—	674
H.P. State Total	—	—	—	50,334

District	Food						
	Ragi and Marua	Italian Millets	Kodo or Vargu	Little Millets or Kutki etc.	Common Millets	Misc. Pulses	Gram
1	13	14	15	16	17	18	19
Bilaspur	—	—	1	—	1	—	15
Chamba	4	—	—	—	309	13	—
Hamirpur	—	—	—	—	—	—	1
Kangra	—	—	—	—	—	112	24
Kinnaur	32	—	—	—	1,126	592	—
Kulu	—	—	—	—	—	—	—
Lahaul and Spiti	—	—	—	—	—	—	—
Mandi	16	—	—	—	172	—	—
Shimla	26	—	—	—	—	2	7
Sirmaur	130	—	58	—	84	112	5
Solan	—	—	—	—	59	35	101
Una	—	—	—	—	—	—	12
H.P. State Total	208	—	59	—	1,751	866	198

NO. III-B

Himachal Pradesh (State) in 1992-93

(In hectares)

Crops	Condiments and Spices						
	Wheat	Jowar or Cholam			Bajra or Cumbu	Barley	Maize
	6	Rabi 7	Kharif 8	Total 9	10	11	12
2,585	—	—	—	—	—	25	1,295
2,318	—	—	—	—	—	330	591
1,526	—	—	—	—	—	1	605
24,445	—	—	—	—	15	516	5,697
283	213	—	—	—	—	1,129	345
127	—	—	—	—	—	7	21
228	—	—	—	—	—	735	38
11,077	—	—	—	—	—	330	2,060
1,942	—	—	—	—	—	402	1,041
9,587	—	—	—	—	20	618	6,803
6,972	—	—	—	—	—	126	3,512
6,309	—	—	—	—	—	2	1,858
67,329	—	—	—	—	35	4,221	23,866

Crops	Condiments and Spices										
	Green gram or Mung, Red gram or Tur (Arhar)	Black gram	Horse gram	Peas	Masur	Sugar- cane	Potatoes	Misc food crops	Chillies	Ginger	Garlic
	20	21	22	23	24	25	26	27	28	29	30
—	29	9	42	6	23	80	22	3	59	7	
—	23	14	2	4	—	75	76	1	—	22	
—	—	—	—	—	11	3	44	—	2	—	
2	173	15	—	48	75	1,082	1,828	16	10	9	
—	15	—	283	3	—	89	1,293	—	—	—	
24	—	—	1,029	4	—	13	273	3	—	—	
—	83	7	128	33	—	42	413	13	15	11	
—	133	—	128	11	—	226	349	72	56	8	
—	218	44	590	98	502	437	834	85	499	71	
8	89	9	623	1	177	99	—	—	139	17	
42	63	16	21	1	180	197	436	4	1	10	
76	826	114	2,846	209	968	3,243	6,933	197	781	155	

TABLE NO-

Area of crops irrigated in each District of

District	Condiment and Spices				Total Food-crops	Non-Food	
	Coriander	Tur-meric	Others	Total		San Hemp	Ground-nut
Bilaspur	—	1	—	70	5,622	—	—
Chamba	—	—	9	32	6,117	—	—
Hamirpur	2	2	4	10	3,189	—	—
Kangra	—	1	4	40	58,545	3	—
Kinnaur	—	—	2	2	5,123	—	—
Kullu	3	—	—	6	2,168	—	—
Lahaul and Spiti	—	—	—	—	3,170	—	—
Mandi	—	3	3	45	24,531	—	—
Shimla	14	—	—	150	6,581	—	—
Sirmaur	38	2	1	696	24,444	—	13
Solan	—	—	—	156	15,966	1	17
Una	—	14	8	37	9,869	2	—
H.P. State Total..	57	23	31	1,244	1,65,325	6	30

District	Hops	Kuth	Cotton		
			Desi	American	Total
Bilaspur	—	—	2	—	—
Chamba	—	—	—	—	—
Hamirpur	—	—	—	—	—
Kangra	—	—	1	—	—
Kinnaur	1	2	—	—	—
Kullu	—	—	—	—	—
Lahaul and Spiti	52	74	—	—	—
Mandi	—	—	—	—	—
Shimla	—	—	—	—	—
Sirmaur	—	—	3	—	—
Solan	—	—	17	—	—
Una	—	—	3	—	—
H.P. State Total	53	76	26	—	—

III-B—concl'd.

Himachal Pradesh (State) in 1992-93

(In hectares)

Crops.											
Coco-nut	Sesamum	Rape	Mustard	Linseed	Taramira	Sunflower	Nursary	Tobacco	Other Fibre	Tea	Indian Hemp
38	39	40	41	42	43	44	45	46	47	48	49
—	17	—	15	3	10	20	—	4	—	—	—
—	—	20	—	50	—	—	—	—	—	—	—
—	—	7	1	—	—	—	—	—	—	—	—
—	112	—	184	1,818	9	112	—	—	4	1,277	—
—	—	—	17	—	—	—	—	—	—	—	—
—	—	—	1	—	—	—	—	—	—	—	—
—	—	—	15	—	—	—	—	—	—	—	—
—	1	—	69	51	12	106	12	1	—	—	—
—	1	—	65	—	—	1	—	—	—	—	—
—	81	13	162	—	42	47	—	5	—	—	—
—	37	140	60	—	9	1	—	—	—	—	—
—	43	19	141	1	—	2	—	—	—	—	—
—	292	199	730	1,923	82	289	12	10	4	1,277	—

Crops—concl'd.

Other	Fodder Crops	Miscellaneous non-food crops	Total non-food crops	Total area under irrigated crops
55	56	57	58	59
—	62	—	133	5,755
—	19	—	89	6,206
—	39	—	47	3,236
—	2,027	—	5,547	64,092
—	—	—	20	3,143
—	—	—	7	2,175
—	—	—	141	3,311
—	446	—	698	25,229
—	—	—	67	6,648
—	975	—	1,341	25,785
—	429	—	711	16,677
—	384	—	595	10,464
—	4,387	—	9,396	1,74,721

TABLE NO.

Area Under Food Crops in each District of

District	Cere					
	Rice					
	Autumn (Aus.)		Winter (Aman)		Summer (Boro)	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	—	—	—	—	2,763	3,041
Chamba	—	—	—	—	2,597	2,941
Hamirpur	—	—	—	—	3,108	3,585
Kangra	—	—	—	—	36,190	36,407
Kinnaur	—	—	—	—	28	26
Kullu	—	—	—	—	2,125	2,551
Labaul and Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	21,816	23,324
Shimla	—	—	—	—	3,336	4,154
Sirmaur	—	—	—	—	4,823	4,954
Solan	—	—	—	—	3,480	3,733
Una	—	—	—	—	1,637	1,692
State Total	—	—	—	—	81,903	86,409

IV-A

Himachal Pradesh (State) in 1992-93

als

District	Jowar or Cholam									
	Total		Wheat		Rabi		Kharif		Total	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	8	9	10	11	12	13	14	15	16	17
Bilaspur	2,763	—	27,465	26,496	—	—	—	—	—	—
Chamba	2,597	—	19,232	19,067	—	—	—	—	—	—
Hamirpur	3,108	—	35,837	35,869	—	—	—	—	—	—
Kangra	36,190	—	91,848	91,540	—	—	—	—	—	—
Kinnaur	28	—	648	818	—	—	—	—	—	—
Kullu	2,125	—	2,221	20,384	—	—	—	—	—	—
Labaul and Spiti	—	—	228	265	—	—	—	—	—	—
Mandi	21,816	—	68,323	66,407	—	—	—	—	—	—
Shimla	3,336	—	25,567	29,971	—	—	—	—	—	—
Sirmaur	4,823	—	28,751	29,214	—	—	—	—	—	—
Solan	3,480	—	26,113	24,221	—	—	—	—	—	—
Una	1,637	—	32,452	30,007	—	—	—	—	—	—
State Total	81,903	—	3,78,674	3,74,259	—	—	—	—	—	—

District	Cere							
	Bajra or Cumbu		Barley		Maize		Ragi or Marua	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	18	19	20	21	22	23	24	25
1	2	3	4	5	6	7	8	
Bilaspur	—	—	367	465	26,315	26,086	—	—
Chamba	1	1	3,637	4,085	21,550	28,908	74	92
Hamirpur	—	—	216	184	32,637	33,399	14	13
Kangra	42	41	3,001	3,388	58,171	56,272	—	—
Kinnaur	—	—	1,588	1,636	504	497	203	188
Kullu	—	—	3,118	3,677	20,977	16,288	—	—
Labaul and Spiti	—	—	735	774	38	32	—	—
Mandi	18	17	4,275	4,618	49,264	46,856	2,001	2,391
Shimla	—	—	5,335	5,706	19,685	21,812	2,216	2,771
Sirmaur	54	47	2,834	2,870	26,340	25,932	561	741
Solan	4	3	1,944	1,881	25,517	25,909	3	—
Una	—	—	54	55	29,316	30,719	—	—
State Total	116	109	27,104	29,339	3,10,314	3,12,710	5,072	6,196

als—contd.

District	Italian millets		Kodo or Varagu		Common and Little Millets			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	26	27	28	29	30	31	32	33
	1	2	3	4	5	6	7	8
Bilaspur	—	—	—	—	—	—	8	—
Chamba	—	—	—	—	—	—	1,410	1,674
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	293	301
Kinnaur	—	—	—	—	—	—	2,772	2,550
Kullu	—	—	—	—	—	—	2,234	2,271
Labaul and Spiti	—	—	—	—	—	—	172	185
Mandi	—	—	—	—	—	—	1,172	1,201
Shimla	—	—	—	—	—	—	6,422	6,365
Sirmaur	—	—	—	—	—	—	422	315
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
State Total	—	—	—	—	—	—	14,905	14,862

TABLE

Area under Food Crops in each District of

Cereals—concl'd.

District	Other Cereals						Total Cereals	
	Kharif		Rabi		Total		Current 40	Normal 41
	Current	Normal	Current	Normal	Current	Normal		
	34	35	36	37	38	39		
1								
Bilaspur	—	—	—	—	—	—	56,918	56,088
Chamba	—	—	—	—	—	—	48,501	56,768
Hamirpur	—	—	—	—	—	—	71,812	73,050
Kangra	—	—	—	—	—	—	1,89,545	1,87,949
Kinnaur	—	—	—	—	—	—	5,743	5,715
Kulu	—	—	—	—	—	—	50,664	45,171
Lahaul and Spiti	—	—	—	—	—	—	1,173	1,256
Mandi	—	—	—	—	—	—	1,46,869	1,44,814
Shimla	—	—	—	—	—	—	62,561	70,779
Sirmaur	—	—	123	—	123	—	63,905	64,196
Solan	—	—	—	—	—	—	57,061	55,747
Una	—	—	—	—	—	—	63,459	62,473
State Total	—	—	123	—	123	—	8,18,211	8,24,006

Pulses—

Other

District	Peas		Horse Gram		Maar		Kharif	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	50	51	52	53	54	55	56	57
	1							
Bilaspur	121	121	603	485	28	25	192	179
Chamba	226	226	294	294	35	31	603	550
Hamirpur	—	—	272	260	56	51	12	15
Kangra	—	—	579	501	293	275	414	421
Kinnaur	364	364	—	—	3	1	699	705
Kulu	579	579	97	91	36	31	1,218	1,150
Lahaul and Spiti	1,029	1,029	—	—	4	3	—	—
Mandi	1,524	1,524	662	650	406	401	1,158	1,201
Shimla	—	—	958	971	73	67	1,825	1,750
Sirmaur	1,376	1,376	536	531	482	461	155	141
Solan	1,051	1,051	704	701	71	69	81	75
Una	—	—	152	150	79	75	13	11
State Total	6,270	6,270	4,857	4,634	1,564	1,490	6,370	6,198

NO. 17-A—contd.

Himachal Pradesh (State) in 1992-93—contd.

Pulses

Gram		Green Gram or Mung		Red Gram or Tur (Arhar)		Black Gram or Urd (Mash)	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
42	43	44	45	46	47	48	49
427	350	4	3	—	—	1,219	1,150
127	101	1	1	—	—	2,496	2,331
56	60	—	—	1	1	469	495
435	463	—	—	2	2	3,255	3,150
—	—	—	—	—	—	16	27
47	35	14	10	—	—	1,736	1,597
—	—	—	—	24	20	—	—
40	51	5	3	1	—	2,176	3,185
28	31	56	50	1	1	3,247	2,948
398	450	2	1	10	8	1,495	1,520
522	531	—	—	294	250	2,061	2,035
340	353	79	75	—	—	878	750
2,420	2,425	161	143	333	282	19,048	18,195

concl'd.

pulses

Rabi		Total		Total Pulses	
Current	Normal	Current	Normal	Current	Normal
58	59	60	61	62	63
—	—	—	—	2,592	2,313
—	—	—	—	3,782	3,534
—	—	—	—	866	882
26	25	—	—	5,004	4,837
9	10	—	—	1,091	1,107
5	4	—	—	3,732	3,497
—	—	—	—	1,057	1,052
4	3	—	—	5,976	6,028
—	—	—	—	6,188	5,815
—	—	—	—	4,454	4,488
—	—	—	—	4,784	4,718
—	—	—	—	1,541	1,414
44	42	—	—	41,067	39,679

Area under Food Crops in each district of

District	Fruits and	
	Fresh	
	Total Foodgrains	
	Current 64	Normal 65
Bilaspur	59,510	58,401
Chamba	52,283	60,302
Hamirpur	72,678	73,932
Kangra	1,94,549	1,92,786
Kinnaur	6,834	6,822
Kullu	54,396	48,668
Lahaul and Spiti	2,230	2,308
Mandi	1,52,845	1,50,842
Shimla	68,749	76,594
Sirmaur	68,359	68,684
Solan	61,845	60,459
Una	65,000	63,887
State Total	8,59,278	8,63,685

District	Fruits and			
	Fresh			
	Banana		Citrus Fruits	
	Current 72	Normal 73	Current 74	Normal 75
Bilaspur	—	—	—	—
Chamba	—	—	—	—
Hamirpur	—	—	18	15
Kangra	—	—	1,436	1,401
Kinnaur	—	—	—	—
Kul	—	—	3	3
Lahaul and Spiti	—	—	—	—
Mandi	—	—	479	450
Shimla	—	—	2	—
Sirmaur	—	—	89	75
Solan	—	—	3	2
Una	—	—	—	—
State Total	—	—	2,030	1,946

IV-A—contd.

Himachal Pradesh (State) in 1992-93—contd.

Vegetables					
Fruits					
Sugarcane		Apples		Grapes	
Current 66	Normal 67	Current 68	Normal 69	Current 70	Normal 71
155	150	—	—	—	—
105	101	1,156	1,230	—	—
184	175	—	—	—	—
—	—	1,445	1,227	9	13
—	—	6,125	6,016	—	—
—	—	9	17	—	—
14	12	3,453	3,574	—	—
—	—	21,652	20,579	—	—
647	635	757	763	—	—
304	301	33	22	—	—
929	903	—	—	—	—
2,338	2,277	34,630	33,448	9	13

Vegetables—contd.

Fruits—contd.

Mangoes		Peaches and Pears		Other fresh fruits	
Current 76	Normal 77	Current 78	Normal 79	Current 80	Normal 81
—	—	—	—	183	175
14	—	—	—	495	471
18	—	—	—	11	9
335	331	—	—	3,610	3,550
—	—	—	—	—	—
—	—	14	—	699	671
—	—	—	—	19	16
—	—	—	—	1,737	1,701
159	151	301	—	71	69
—	—	2	—	370	365
—	—	—	—	697	685
—	—	—	—	52	51
526	509	317	—	7,944	7,763

TABLE NO
Area under Food Crops in each District of

District	Fruits and					
	Dry					
	Total fresh fruits		Cashew Nuts		Other dry fruits	
Current	Normal	Current	Normal	Current	Normal	
82	83	84	85	86	87	
Bilaspur	183	175	—	—	—	—
Chamba	1,683	1,728	—	—	—	—
Hamirpur	29	24	—	—	—	—
Kangra	5,381	5,282	9	—	—	—
Kinnaur	1,454	1,240	17	—	552	545
Kullu	6,841	6,690	—	—	43	40
Lehwal and Spiti	28	33	—	—	—	—
Mandi	5,669	5,725	—	—	—	—
Shimla	21,725	20,648	—	—	6	5
Sirmaur	1,676	1,374	15	—	12	10
Solan	735	709	—	—	1	1
Una	52	51	—	—	354	335
State Total	45,456	43,679	41	—	968	936

Vegetables—

District	Vegetables—									
	Vegetable - conold.								Other	
	Sweet Potatoes		Onion		Winter		Summer		Total other Vegetables	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal	
96	97	98	99	100	101	102	103	104	105	
Bilaspur	—	—	81	62	136	130	—	—	136	130
Chamba	—	—	44	39	67	65	25	21	192	86
Hamirpur	—	—	31	37	11	8	130	5	141	133
Kangra	—	—	239	248	412	405	518	515	930	920
Kinnaur	—	—	—	—	7	6	22	21	29	27
Kullu	—	—	9	13	291	285	429	425	720	710
Lehwal & Spiti	—	—	—	—	8	3	4	4	12	7
Mandi	—	—	110	80	121	122	470	465	591	587
Shimla	—	—	8	10	1,689	1,550	2,503	2,500	4,192	4,050
Sirmaur	—	—	98	48	253	256	863	850	1,116	1,106
Solan	—	—	31	19	468	475	1,538	1,525	2,006	2,000
Una	—	—	96	56	179	185	263	255	442	440
State Total	—	—	747	612	3,642	3,490	6,765	6,706	10,407	10,196

IV-A—contd.

Himachal Pradesh (State) in 1992-93—contd.

(In hectares)

Vegetable							
Fruits				Vegetables			
Total dry Fruits		Total Fruits (fresh & dry)		Potatoes		Tapioca	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
88	89	90	91	92	93	94	95
—	—	183	175	28	26	—	—
—	—	1,683	1,728	545	518	—	—
—	—	29	24	10	11	—	—
9	—	5,390	5,282	1,220	1,143	—	—
569	545	2,023	1,785	261	282	—	—
43	40	6,884	6,730	935	993	—	—
—	—	28	33	900	946	—	—
—	—	5,669	5,725	2,284	1,810	—	—
6	5	21,731	20,653	6,489	6,738	—	—
27	10	1,703	1,374	1,191	1,324	—	—
1	1	736	710	120	116	—	—
354	335	406	386	229	309	—	—
1,009	936	46,465	44,615	14,212	14,216	—	—

contd.

Vegetables							
Total Vegetables		Total Fruits and Vegetables		Other Misc. Food Crops		Betel nuts	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
106	107	108	109	110	111	112	113
245	218	428	393	—	—	—	—
681	643	2,364	2,371	—	—	—	—
182	181	211	205	—	—	—	—
2,389	2,311	7,779	7,593	—	—	—	—
290	309	2,313	2,094	—	—	—	—
1,664	1,716	8,548	8,446	—	—	—	—
912	953	940	986	—	—	—	—
2,985	2,477	8,654	8,202	—	—	—	—
10,689	10,798	32,420	31,451	—	—	—	—
2,405	2,478	4,108	3,862	—	—	—	—
2,157	2,135	2,893	2,845	—	—	—	—
767	805	1,173	1,191	—	—	—	—
25,366	25,024	71,831	69,639	—	—	—	—

TABLE NO.
Area under Food Crops in each District of

District	Condiments			
	Garlic		Chillies	
	Current	Normal	Current	Normal
	114	115	116	117
1				
Bilaspur	16	—	12	14
Chamba	66	—	37	33
Hamirpur	—	—	3	1
Kangra	9	—	25	57
Kinnaur	—	—	—	—
Kullu	5	—	114	113
Lahaul & Spiti	—	—	—	—
Mandi	33	—	168	314
Shimla	30	—	346	170
Sirmaur	126	—	316	263
Solan	17	—	—	3
Una	18	—	16	9
State Total	320	—	1,037	977

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

District	NON-FOOD			
	FIB-			
	Cot-			
	Desi		American	
	Current	Normal	Current	Normal
1	2	3	4	5
Bilaspur	—	—	35	—
Chamba	—	—	—	—
Hamirpur	1	—	—	—
Kangra	68	—	—	—
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul & Spiti	—	—	—	—
Mandi	—	—	—	—
Shimla	—	—	—	—
Sirmaur	16	—	—	—
Solan	25	—	—	—
Una	3	—	13	—
State Total	113	—	48	—

IV-A—concl.

Himachal Pradesh (State) in 1992-93—concl.

and spices

Current	Normal	Current	Normal	Current	Normal	Other condiments and spices		Total condiments and spices		Total Food Crops	
						Current	Normal	Current	Normal	Current	Normal
						118	119	120	121	122	123
93	72	—	—	11	14	1	1	133	101	60,226	59,045
—	2	—	—	—	—	24	21	127	56	54,774	62,729
2	1	—	—	23	18	12	11	40	31	73,034	74,269
10	9	—	—	8	—	10	10	62	76	2,02,574	2,00,630
—	—	—	—	—	—	3	2	3	2	9,150	8,918
—	—	—	—	—	—	61	60	180	173	63,124	57,287
—	—	—	—	—	—	—	—	—	—	3,170	3,294
19	24	—	—	9	8	83	75	312	421	1,61,825	1,59,477
173	137	—	—	—	—	51	50	600	357	1,01,769	1,08,402
1,077	1,291	—	—	2	7	97	95	1,618	1,656	74,732	74,837
264	239	—	—	—	—	1	1	282	243	65,324	63,848
1	—	—	—	25	8	26	25	86	42	67,188	66,023
1,639	1,795	—	—	78	55	369	351	3,443	3,158	9,36,890	9,38,759

IV-B

Himachal Pradesh (State) in 1992-93

CROPS

RES

ton

Current	Normal	Current	Normal	San Hemp		Other fibers	
				Current	Normal	Current	Normal
				6	7	8	9
35	23	—	—	5	1	—	—
1	1	—	—	—	—	—	—
68	75	—	—	46	40	—	—
—	—	—	—	96	96	—	—
—	—	—	—	—	—	—	—
16	11	—	—	—	—	—	—
25	31	—	—	1	6	—	—
16	17	—	—	52	51	—	—
161	158	—	—	200	194	—	—

TABLE NO.

Area under Non-food Crops in each District of

District	Total fibres		Groundnut		Taramira	
	Current	Normal	Current	Normal	Current	Normal
	14	15	16	17	18	19
Bilaspur	40	24	—	—	221	149
Chamba	—	—	—	—	—	—
Hamirpur	1	1	—	—	—	—
Kangra	114	115	—	—	92	102
Kinnaur	—	—	—	—	—	—
Kullu	96	96	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	4	3	—	—
Shimla	—	—	9	8	—	—
Sirmaur	16	11	33	31	273	183
Solan	26	37	296	285	132	143
Una	68	68	2	1	—	—
H.P. State Total..	361	352	344	328	718	577

District	Non-			
	Total edible oil seeds		Linseed	
	Current	Normal	Current	Normal
1	30	31	32	33
Bilaspur	1,051	770	3	3
Chamba	1,602	1,600	74	68
Hamirpur	321	338	6	6
Kangra	6,466	6,571	3,137	4,078
Kinnaur	27	18	—	—
Kullu	804	765	—	—
Lahaul & Spiti	15	13	—	—
Mandi	978	611	464	536
Shimla	1,042	963	—	—
Sirmaur	1,855	1,387	—	—
Solan	1,849	1,670	—	—
Una	2,170	2,202	11	30
H.P. State Total ..	18,180	16,908	3,695	4,721

IV-B—contd.

Himachal Pradesh (State) in 1992-93—contd.

seeds		ble		Sesamum		Rape		Mustard		Others including Sunflower seed Sunflower etc.		Soyabean	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
20	21	22	23	24	25	26	27	28	29	28	29	28	29
556	373	4	3	251	245	—	—	19	—	—	—	—	—
58	65	1,544	1,535	—	—	—	—	—	—	—	—	—	—
116	146	180	175	25	17	—	—	—	—	—	—	—	—
4,709	4,969	—	—	1,539	1,500	—	—	126	—	—	—	—	—
—	—	—	—	27	18	—	—	—	—	—	—	—	—
—	—	599	580	201	185	—	—	—	—	—	—	—	—
—	—	—	—	15	13	—	—	—	—	—	—	—	—
—	107	—	—	520	501	—	—	368	—	—	—	—	—
—	53	—	—	901	895	9	7	56	—	—	—	—	—
437	409	15	13	763	750	2	1	332	—	—	—	—	—
458	327	285	270	638	605	42	40	—	—	—	—	—	—
894	895	496	485	766	716	8	5	3	—	—	—	—	—
7,384	7,444	3,123	3,061	5,646	5,445	61	53	934	—	—	—	—	—

District	NON-EDIBLE						Total oil seeds	
	Castor		Others including dill or sowa mast-wood, neerai and niger-seed		Total non-edible oil seeds		Total oil seeds	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	35	36	37	38	39	40	41	
Bilaspur	—	—	8	—	11	3	1,062	773
Chamba	—	—	—	—	74	68	1,676	1,668
Hamirpur	—	—	—	—	6	6	327	344
Kangra	—	—	—	—	3,137	4,078	9,603	13,649
Kinnaur	—	—	—	—	—	—	27	18
Kullu	—	—	—	—	—	—	804	765
Lahaul & Spiti	—	—	—	—	—	—	15	13
Mandi	—	—	—	—	464	536	1,442	1,117
Shimla	—	—	—	—	—	—	1,042	963
Sirmaur	—	—	—	—	—	—	1,855	1,387
Solan	—	—	—	—	—	—	1,849	1,670
Una	—	—	—	—	—	—	2,189	2,232
H.P. State Total ..	—	—	8	—	19	30	21,891	24,685
	—	—	16	—	3,711	4,721	21,891	24,685

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

District	Dyes and Tanning					
	Indigo		Other Dyes and Tanning Materials		Total Dyes and Tanning Materials	
	Current 42	Normal 43	Current 44	Normal 45	Current 46	Normal 47
1						
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
H.P. State Total	—	—	—	—	—	—

Drugs and Narcotics

District	Drugs and Narcotics							
	Bhang		Hops		Kuth		Nursary	
	Current 56	Normal 57	Current 58	Normal 59	Current 60	Normal 61	Current 62	Normal 63
1								
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	1	3	29	27	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	52	12	74	94	—	—
Mandi	165	175	—	—	—	—	12	—
Shimla	4	5	—	—	—	—	10	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
H.P. State Total	169	180	53	15	103	121	22	—

IV-B—concl.

Himachal Pradesh (State) in 1992-93—concl.

Materials	Drugs and Narcotics							
	Rubber		Tobacco		Coffee		Tea	
	Current 48	Normal 49	Current 50	Normal 51	Current 52	Normal 53	Current 54	Normal 55
—	—	—	9	6	—	—	—	—
—	—	—	28	35	—	—	—	—
—	—	—	—	—	—	—	2,803	1,990
—	—	—	17	28	—	—	—	—
—	—	—	1	1	—	—	235	394
—	—	—	20	14	—	—	—	—
—	—	—	3	3	—	—	—	—
—	—	—	78	87	—	—	3,038	2,384

—concl.

Other Miscellaneous

Total Drugs and Narcotics	Other Miscellaneous							
	Total Drugs and Narcotics		Fodder crops		Non-food crops		Total Non-food crops	
	Current 64	Normal 65	Current 66	Normal 67	Current 68	Normal 69	Current 70	Normal 71
9	6	166	145	1	—	1,277	948	
28	35	21	20	—	—	1,725	1,723	
—	—	158	161	—	—	486	506	
2,803	1,990	3,589	3,189	—	—	16,109	15,943	
30	30	—	—	—	—	57	48	
17	28	23	21	—	—	940	910	
126	106	—	—	—	—	141	119	
418	570	842	801	—	—	2,697	2,518	
14	5	—	—	—	—	1,056	968	
20	14	1,700	1,650	—	—	3,591	3,062	
—	—	1,665	1,578	—	—	3,540	3,285	
3	3	1,847	1,900	—	—	4,107	4,203	
3,463	2,787	10,011	9,465	—	—	35,726	34,233	

TABLE NO.

Total outturn of Principal crops in

District	Food					
	Rice					
	Autumn (Aus)		Winter (Aman)		Summer (Boro)	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	—	—	—	—	3,095	—
Chamba	—	—	—	—	3,418	—
Hamirpur	—	—	—	—	3,709	—
Kangra	—	—	—	—	48,820	—
Kinnaur	—	—	—	—	38	—
Kullu	—	—	—	—	3,674	—
Lahaul and Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	26,616	—
Shimla	—	—	—	—	4,110	—
Sirmaur	—	—	—	—	7,887	—
Solan	—	—	—	—	5,638	—
Una	—	—	—	—	3,333	—
H.P. State Total	—	—	—	—	1,10,338	—

District	Food							
	Cereals							
	Bajra or cumbu		Barley		Maize		Ragi or Marua	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	18	19	20	21	22	23	24	25
Bilaspur	—	—	435	573	40,972	36,085	—	—
Chamba	—	—	3,986	5,014	62,861	69,779	47	26
Hamirpur	—	—	256	229	55,124	52,612	4	4
Kangra	—	—	3,193	3,981	1,06,453	83,306	—	—
Kinnaur	—	—	1,469	2,227	1,043	884	177	160
Kullu	—	—	4,686	5,706	43,800	28,146	—	—
Lahaul & Spiti	—	—	870	1,037	79	60	—	—
Mandi	—	—	6,579	6,028	1,10,056	89,296	1,497	1,155
Shimla	—	—	4,935	7,219	40,964	42,806	2,171	1,548
Sirmaur	—	—	3,415	3,009	70,855	59,440	284	345
Solan	—	—	2,187	1,714	54,657	51,327	—	—
Una	—	—	64	72	54,704	42,688	—	—
H.P. State Total	—	—	32,075	36,809	6,41,567	5,56,429	4,180	3,238

each district of Himachal Pradesh (State) in 1992-93

Crops	Jowar or Cholum									
	Total		Wheat		Rabi		Kharif		Total	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	8	9	10	11	12	13	14	15	16	17
	3,095	2,895	35,265	35,947	—	—	—	—	—	—
	3,418	3,802	26,386	25,260	—	—	—	—	—	—
	3,709	3,327	37,199	39,632	—	—	—	—	—	—
	48,820	41,418	1,26,842	1,37,103	—	—	—	—	—	—
	38	26	890	701	—	—	—	—	—	—
	3,674	3,068	40,111	38,196	—	—	—	—	—	—
	—	—	313	410	—	—	—	—	—	—
	26,616	21,784	90,460	85,331	—	—	—	—	—	—
	4,110	4,165	28,073	43,201	—	—	—	—	—	—
	7,887	7,038	54,483	41,883	—	—	—	—	—	—
	5,638	4,409	26,714	32,637	—	—	—	—	—	—
	3,333	2,070	36,384	40,375	—	—	—	—	—	—
	10,338	94,002	5,03,120	5,20,676	—	—	—	—	—	—

Cereals contd.

Crops	Pulses											
	Kode or Vasagu				Little & Common Millets		Total Cereals		Gram			
	Current		Normal		Current		Normal		Current		Normal	
	28	29	30	31	32	33	34	35	36	37	38	39
	—	—	—	2	—	79,768	75,500	282	438	—	—	—
	—	—	—	424	299	97,122	1,04,180	82	80	—	—	—
	—	—	—	—	—	96,292	95,804	16	15	—	—	—
	—	—	—	146	107	2,85,454	2,65,915	252	245	—	—	—
	—	—	—	1,139	1,140	4,755	5,138	—	—	—	—	—
	—	—	—	464	686	92,735	75,802	30	25	—	—	—
	—	—	—	21	19	1,283	1,526	—	—	—	—	—
	—	—	—	509	350	2,35,717	2,03,904	25	16	—	—	—
	—	—	—	6,329	4,346	86,582	96,785	15	17	—	—	—
	—	—	—	184	220	1,37,108	1,11,935	294	285	—	—	—
	—	—	—	—	—	89,196	90,087	170	165	—	—	—
	—	—	—	—	—	94,485	85,205	248	265	—	—	—
	—	—	—	9,218	7,169	13,00,497	12,18,322	1,414	1,551	—	—	—

TABLE NO.

Total Outturn of Principal Crops in each

District	Food							
	Pulses							
	Other Pulses Kharif and Rabi		Green gram or Mung		Red Gram (Tur or Arhar)		Black (Urd)	Gram or Mash
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
36	37	38	39	40	41	42	43	
Bilaspur	60	55	2	1	—	—	365	167
Chamba	201	196	1	1	—	—	748	632
Hamirpur	4	3	—	—	1	1	140	135
Kangra	229	201	—	—	—	—	976	901
Kinnaur	233	205	—	—	—	—	4	3
Kullu	406	395	7	5	—	—	520	501
Lahaul & Spiti	—	—	—	—	12	11	—	—
Mandi	346	333	3	2	1	1	652	605
Shimla	627	595	28	25	1	1	974	851
Sirmaur	408	401	1	1	3	2	454	450
Solan	51	45	—	—	188	190	618	610
Una	27	20	30	25	—	—	263	255
H.P. State Total	2,592	2,449	72	60	207	207	5,714	5,110

Non-Food

District	Non-Food									
	Ginger(Dry)		Pepper		Turmeric		Cardamum		Onion/Garlic	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
52	53	54	55	56	57	58	59	60	61	
Bilaspur	276	240	—	—	4	2	—	—	43	45
Chamba	—	—	—	—	—	—	—	—	57	50
Hamirpur	1	—	—	—	7	5	—	—	47	45
Kangra	1	—	—	—	—	—	—	—	951	870
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	4	3
Lahaul & Spiti	—	—	—	—	—	—	—	—	—	—
Mandi	81	75	—	—	—	—	—	—	116	160
Shimla	319	325	—	—	—	—	—	—	8	5
Sirmaur	316	317	—	—	4	3	—	—	167	155
Solan	209	200	—	—	—	—	—	—	40	35
Una	—	—	—	—	13	11	—	—	378	375
H.P. State Total	1,203	1,157	—	—	30	22	—	—	1,811	1,743

V.B.—contd.

District of Himachal Pradesh (State) in 1992-93

Crops—concl'd.

District	Horse Gram		Masur		Total pulses		Total Food Grains	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	44	45	46	47	48	49	50	51
Bilaspur	201	181	9	7	919	849	80,687	76,349
Chamba	98	75	12	11	1,142	995	98,264	1,05,175
Hamirpur	90	67	19	15	270	236	96,562	96,040
Kangra	193	195	91	85	1,742	1,628	2,87,196	2,67,543
Kinnaur	—	—	1	1	238	209	4,993	5,347
Kullu	32	27	12	10	1,007	963	93,742	76,765
Lahaul & Spiti	—	—	1	1	13	12	1,296	1,538
Mandi	221	187	135	131	1,383	1,275	2,37,100	2,05,219
Shimla	149	305	24	21	1,988	1,815	88,570	1,05,100
Sirmaur	165	155	133	126	1,458	1,423	1,38,556	1,13,355
Solan	234	213	23	21	1,284	1,244	93,430	91,331
Una	30	47	25	21	643	633	95,128	85,838
H.P. State Total	1,663	1,452	485	450	12,087	11,279	13,12,534	12,29,601

Potatoes

District	Potatoes		Gur		Total Food Crops		Groundnut		Sesamum	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	64	65	66	67	68	69	70	71	72	73
Bilaspur	232	216	123	125	81,371	76,982	—	—	196	123
Chamba	3,480	3,398	—	—	1,01,808	1,08,627	—	—	7	5
Hamirpur	86	56	170	175	96,873	96,321	—	—	75	39
Kangra	3,451	3,067	101	103	2,96,707	2,71,603	—	—	1,468	999
Kinnaur	—	—	—	—	7,251	10,009	—	—	—	—
Kullu	7,292	5,132	—	—	1,01,063	81,928	—	—	—	—
Lahaul & Spiti	25,456	27,791	—	—	27,752	29,329	—	—	—	—
Mandi	14,249	9,618	8	7	2,51,587	2,15,106	3	2	15	10
Shimla	67,228	42,449	—	—	1,56,209	1,47,904	4	20	12	13
Sirmaur	11,573	11,917	1,068	1,100	1,51,756	1,26,895	26	29	121	80
Solan	1,326	944	435	470	92,490	92,980	328	325	86	27
Una	2,099	1,671	966	970	98,586	88,868	2	3	82	109
H.P. State Total	1,14,730	1,10,921	2,871	2,950	14,63,453	13,46,552	363	379	2,062	7,410

TABLE NO.

Total Outturn of Principal Crops in each District

District 1	Non-Food					
	Rape		Mustard		Linseed	
	Current 74	Normal 75	Current 76	Normal 77	Current 78	Normal 79
Bilaspur	1	1	94	75	1	1
Chamba	579	601	—	—	13	15
Hamirpur	67	55	9	7	1	1
Kangra	—	—	577	550	1,176	1,750
Kinnaur	—	—	10	7	—	—
Kullu	225	201	75	86	—	—
Lahaul & Spiti	—	—	5	6	—	—
Mandi	—	—	195	201	83	75
Shimla	—	—	337	347	—	—
Sirmaur	9	5	464	475	—	—
Solan	107	101	239	240	—	—
Una	186	167	287	290	3	2
H.P. State Total	1,174	1,131	2,292	2,292	1,277	1,844

District 1	Non-Food							
	Tea		Indian Hemp		Opium		Sunhemp	
	Current 88	Normal 89	Current 90	Normal 91	Current 92	Normal 93	Current 94	Normal 95
Bilaspur	—	—	—	—	—	—	2	4
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	18	15
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	38	37
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	21	20
Una	—	—	—	—	—	—	—	—
H.P. State Total	—	—	—	—	—	—	79	76

V. B—concld.

of Himachal Pradesh (State) in 1992-93—concld.

Crops—concld.

Current 80	Normal 81	Soyabean		Indigo		Tobacco		Coffee	
		Current 82	Normal 83	Current 84	Normal 85	Current 86	Normal 87		
		7	14	—	—	3	5	—	—
—	—	—	—	6	4	—	—		
28	26	—	—	—	—	—	—		
—	—	—	—	27	30	—	—		
—	—	—	—	—	—	—	—		
118	75	—	—	1	1	—	—		
13	14	—	—	—	—	—	—		
22	114	—	—	5	4	—	—		
—	1	—	—	3	2	—	—		
204	244	—	—	45	46	—	—		

Crops—concld.

Current 96	Normal 97	Cotton (in Bales)				Total Non-Food Crops excluding (cotton bales)		Total Food & Non-Food Crops	
		Desi		American		Current 102	Normal 103	Current 104	Normal 105
		Current 98	Normal 99	Current 100	Normal 101				
—	—	—	—	17	18	304	205	81,675	77,187
—	—	—	—	—	—	605	625	1,02,413	1,09,252
—	—	—	—	—	—	152	102	97,023	96,423
—	—	—	—	172	175	3,268	3,340	2,99,975	2,74,943
—	—	—	—	—	—	10	7	7,261	10,016
—	—	—	—	—	—	365	353	1,01,428	82,281
—	—	—	—	—	—	5	6	27,757	29,335
—	—	—	—	—	—	415	372	2,52,002	2,15,478
—	—	—	—	—	—	371	395	1,56,580	1,48,299
—	—	—	—	57	50	747	707	1,52,503	1,27,602
—	—	—	—	22	20	760	722	93,250	93,702
—	—	—	—	26	28	584	588	99,170	89,486
—	—	—	—	294	291	7,586	7,422	14,71,039	13,53,974
—	—	—	—	(50 mt)					

TABLE

Details of Cropped Area in each District of

District	Gross Cropped Area						Grand Total
	Kharif*		Rabi*		Total*		
	Food Crops	Non-Food Crops	Food Crops	Non-Food Crops	Food Crops	Non-Food Crops	
1	2	3	4	5	6	7	8
Bilaspur	31,919	1,010	28,307	267	60,226	1,277	61,503
Chamba	31,448	79	23,326	1,646	54,774	1,725	56,499
Hamirpur	36,707	275	36,327	211	73,034	486	73,520
Kangra	1,06,213	11,343	96,361	4,676	2,02,574	16,109	2,18,683
Kinnaur	6,880	30	2,270	27	9,150	57	9,207
Kullu	36,691	123	26,433	817	63,124	940	64,064
Lahaul & Spiti	1,146	126	2,024	15	3,170	141	3,311
Mandi	86,672	1,724	75,153	973	1,61,825	2,697	1,64,522
Shimla	68,254	165	33,515	891	1,01,769	1,056	1,02,825
Sirmaur	39,920	2,793	34,812	798	74,732	3,591	78,323
Solan	33,760	2,617	31,564	923	65,324	3,540	68,864
Una	33,026	2,831	34,162	1,276	67,188	4,107	71,295
H.P. State Total	5,12,636	23,206	4,24,254	12,520	9,36,890	35,726	9,72,616

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

NO. V

Himachal Pradesh (State) in Hect. in 1992-93

Area cropped more than once	Cropped area of Forecast Crops			Area under Mixed Sowing						
	Net Cropped area	Matured	Failed	Wheat-Barley (Crop-Mixture)	Wheat-Barley (Crop-Mixture)		(Crops at the rate of mixture)			
					Wheat	Barley	Gross area (unadjusted)	Net area under	Total unadjusted area under mixture	
9	10	11	12	13	14	15	16	17	18	19
29,648	—	—	—	—	—	—	—	—	—	—
13,927	—	—	—	—	—	—	—	—	—	—
36,265	—	—	—	—	—	—	—	—	—	—
99,134	—	—	—	—	—	—	—	—	—	—
1,722	—	—	—	—	—	—	—	—	—	—
27,706	—	—	—	—	—	—	—	—	—	—
137	—	—	—	—	—	—	—	—	—	—
69,609	—	—	—	—	—	—	—	—	—	—
28,277	—	—	—	—	—	—	—	—	—	—
55,579	—	—	—	—	—	—	—	—	—	—
28,867	—	—	—	—	—	—	—	—	—	—
29,182	—	—	—	—	—	—	—	—	—	—
4,00,053	—	—	—	—	—	—	—	—	—	—

One separate column be given for each crop mixture.

TABLE

Farm Prices during 1992-93 of Principal Crops

District or Centre 1	Rice		Wheat		Jowar		Bajra	
	Current year 2	Last year 3	Current year 4	Last year 5	Current year 6	Last year 7	Current year 8	Last year 9
Bilaspur	325	308	333	283	—	—	—	—
Chamba	559	500	374	364	—	—	—	—
Hamirpur	342	373	335	325	—	—	—	—
Kangra	482	423	282	263	—	—	—	—
Kinnaur	—	—	462	415	—	—	—	—
Kullu	420	—	310	—	—	—	—	—
Lahaul & Spiti	—	—	305	300	—	—	—	—
Mandi	392	334	—	330	—	—	—	—
Shimla	403	509	314	312	—	—	—	—
Sirmaur	509	—	—	—	—	—	250	—
Solan	336	301	350	342	—	—	—	—
Una	350	350	341	302	—	—	—	—
H.P. State Total	412	384	341	324	—	—	250	207

NO. VI

at certain centres in Himachal Pradesh (State)

Current year 10	Last year 11	Barley		Gram		Maize		Cotton		Jute	
		Current year 12	Last year 13	Current year 14	Last year 15	Current year 16	Last year 17	Current year 18	Last year 19		
316	270	1,000	1,000	343	342	2,000	1,000	—	—	—	—
267	261	—	—	318	277	—	—	—	—	—	—
360	427	1,095	970	346	343	—	—	—	—	—	—
215	208	1,075	1,063	252	228	—	—	—	—	—	—
264	225	—	—	295	300	—	—	—	—	—	—
250	—	1,151	—	170	—	—	—	—	—	—	—
500	375	—	—	350	—	—	—	—	—	—	—
—	287	—	938	319	317	—	—	—	—	—	—
262	250	1,100	1,150	294	273	—	—	—	—	—	—
—	—	—	—	267	—	1,275	—	—	—	—	—
321	303	1,071	971	289	284	900	1,200	—	—	—	—
400	350	946	848	292	323	—	1,430	—	—	—	—
311	296	1,063	991	295	310	1,392	1,200	—	—	—	—

District 1	Sugar (raw)		Groundnut		Caster seed		Linseed		Rape/Mustard	
	Current year 20	Last year 21	Current year 22	Last year 23	Current year 24	Last year 25	Current year 26	Last year 27	Current year 28	Last year 29
Bilaspur	—	509	1,833	2,250	—	—	—	1,000	1,312	904
Chamba	—	—	—	—	—	—	—	950	1,328	1,144
Hamirpur	—	667	—	—	—	1,535	1,365	1,300	1,188	—
Kangra	—	—	—	—	—	—	1,077	1,311	1,214	—
Kinnaur	—	—	—	—	—	—	—	1,500	—	—
Kullu	—	—	—	—	—	—	—	1,586	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	1,900	1,800	—
Mandi	—	—	—	—	—	—	—	1,050	—	1,303
Shimla	—	—	—	—	—	—	—	—	1,100	—
Sirmaur	406	—	1,200	—	—	—	—	—	—	919
Solan	—	500	1,300	1,100	—	—	1,050	959	1,067	—
Una	—	583	1,500	1,400	—	—	1,350	1,500	1,285	1,200
H.P. State Total	406	565	1,458	1,583	—	—	1,443	1,142	1,387	1,184

Current year 30	Last year 31	Sesamum		Tobacco		Ginger		Pepper	
		Current year 32	Last year 33	Current year 34	Last year 35	Current year 36	Last year 37	Current year 38	Last year 39
—	—	1,333	1,287	500	750	1,166	834	—	—
—	—	—	1,880	1,000	900	1,600	1,600	—	—
—	—	1,615	1,775	515	534	867	975	—	—
—	—	822	765	—	—	1,143	1,115	—	—
—	—	—	—	—	400	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	1,631	—	667	1,465	1,038	—	—
—	—	—	—	—	—	1,200	—	—	—
—	—	1,275	—	1,500	—	709	—	—	—
—	—	1,633	1,633	—	—	1,000	883	—	—
—	—	2,000	1,618	—	—	—	—	—	—
—	—	1,446	1,460	879	650	1,144	1,074	—	—

TABLE

Agricultural Wages in each District of

July						
..... (Normal No. of working hours)						
District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	2	3	4	5	6	7
Bilaspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	45.00	40.50	40.00	32.00	25.00	30.00
Hamirpur	40.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kulu	60.00	—	23.00	20.00	23.00	30.00
Lahaul & Spiti	70.00	35.00	—	30.00	30.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	58.00	53.00	46.00	29.00	28.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	40.00	35.00	40.00	40.00	25.00	25.00
H.P. State Average	56.00	46.00	43.00	35.00	30.00	32.00

September						
..... (Normal No. of working hours)						
District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	14	15	16	17	18	19
Bilaspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	45.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	40.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kulu	60.00	37.00	—	22.00	21.00	—
Lahaul & Spiti	70.00	35.00	—	30.00	30.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	60.00	53.00	46.00	30.00	30.00	31.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	40.00	35.00	40.00	40.00	25.00	25.00
H.P. State Average	56.00	46.00	45.00	36.00	30.00	31.00

Himachal Pradesh (State) in 1992-93

(In Rupees per day)

August						
..... (Normal No. of working hours)						
District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
8	9	10	11	12	13	
Bilaspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	45.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	40.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kulu	60.00	—	—	22.00	22.00	25.00
Lahaul & Spiti	70.00	35.00	—	30.00	30.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	60.00	53.00	46.00	30.00	30.00	31.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	40.00	35.00	40.00	40.00	25.00	25.00
H.P. State Average	56.00	46.00	45.00	36.00	30.00	30.00

October						
..... (Normal No. of working hours)						
District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
20	21	22	23	24	25	
Bilaspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	45.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	40.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kulu	60.00	—	—	22.00	22.00	25.00
Lahaul & Spiti	70.00	35.00	—	30.00	30.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	60.00	53.00	46.00	30.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	40.00	35.00	40.00	40.00	25.00	25.00
H.P. State Average	56.00	46.00	45.00	36.00	30.00	30.00

TABLE

Agricultural Wages in each District of

District	November					
(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
Carpenters	Black-smiths	Cobblers				
1	26	27	28	29	30	31
Bilaspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	45.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	40.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kullu	60.00	37.00	—	22.00	22.00	25.00
Lahaul & Spiti	70.00	35.00	—	30.00	30.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	59.00	56.00	50.00	31.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	40.00	35.00	40.00	40.00	25.00	25.00
H.P. State Average	56.00	46.00	46.00	36.00	30.00	30.00

January

.....(Normal No. of working hours)

District	January					
(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
Carpenters	Black-smiths	Cobblers				
1	38	39	40	41	42	43
Bilaspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	46.50	40.00	40.00	32.00	25.00	30.00
Hamirpur	42.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kullu	64.00	39.00	37.00	30.00	30.00	30.00
Lahaul & Spiti	75.00	40.00	—	35.00	35.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	61.00	54.00	50.00	31.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	40.00	35.00	40.00	40.00	25.00	25.00
H.P. State Average	57.00	46.00	45.00	37.00	31.00	31.00

NO. VII—contd.

Himachal Pradesh (State) in 1992-93.

(In Rupees per day)

District	December					
(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
Carpenters	Blacksmiths	Cobblers				
1	32	33	34	35	36	37
Bilaspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	45.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	48.00	35.00	36.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kullu	60.00	37.00	—	22.00	22.00	25.00
Lahaul & Spiti	75.00	40.00	—	35.00	35.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	59.00	56.00	50.00	31.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	40.00	35.00	40.00	40.00	30.00	25.00
H.P. State Average	57.00	46.00	46.00	36.00	31.00	30.00

February

.....(Normal No. of working hours)

District	February					
(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
Carpenters	Blacksmiths	Cobblers				
1	44	45	46	47	48	49
Bilaspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	46.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	42.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kullu	62.00	39.00	37.00	30.00	30.00	30.00
Lahaul & Spiti	75.00	40.00	—	35.00	35.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	61.00	54.00	50.00	31.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	40.00	35.00	40.00	40.00	30.00	25.00
H.P. State Average	58.00	48.00	45.00	36.00	32.00	31.00

TABLE

Agricultural Wages in each District of

District	March					
(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herdsmen
Carpenters	Blacksmiths	Cobblers				
1	50	51	52	53	54	55
Bi aspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	46.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	42.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kullu	64.00	40.00	40.00	31.00	31.00	32.00
Lahaul & Spiti	75.00	40.00	—	35.00	35.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	61.00	56.00	50.00	31.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	50.00	50.00	40.00	30.00	25.00	25.00
H.P. State Average..	58.00	48.00	45.00	36.00	31.00	31.00

May

District(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herdsmen
	Carpenters	Blacksmiths	Cobblers			
1	62	63	64	65	66	67
Bilaspur	50.00	48.00	43.00	32.00	30.00	25.00
Chamba	46.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	42.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kullu	64.00	40.00	40.00	31.00	31.00	35.00
Lahaul & Spiti	75.00	40.00	—	35.00	35.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	61.00	56.00	50.00	31.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.50	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	50.00	50.00	40.00	30.00	30.00	25.00
H.P. State Average..	58.00	48.00	45.00	36.00	32.00	30.00

No. VII—concl.

Himachal Pradesh (State) in 1992-93

(In Rupees per day)

District	April					
(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herdsmen
Carpenters	Blacksmiths	Cobblers				
1	56	57	58	59	60	61
Bi aspur	50.00	48.00	43.00	32.00	30.00	35.00
Chamba	46.00	40.00	40.00	32.00	25.00	30.00
Hamirpur	42.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kullu	64.00	40.00	40.00	31.00	31.00	35.00
Lahaul & Spiti	75.00	40.00	—	35.00	35.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	61.00	56.00	50.00	31.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	50.00	50.00	40.00	30.00	30.00	25.00
H.P. State Average..	58.00	48.00	45.00	36.00	32.00	31.00

June

District(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herdsmen
	Carpenters	Blacksmiths	Cobblers			
1	68	69	70	71	72	73
Bi aspur	50.00	48.00	43.00	32.00	30.00	25.00
Chamba	46.00	40.00	40.00	32.00	25.00	30.50
Hamirpur	42.00	35.00	35.00	30.00	30.00	30.00
Kangra	70.00	70.00	60.00	35.00	35.00	45.00
Kinnaur	80.00	—	—	80.00	50.00	—
Kullu	64.00	40.00	45.00	31.00	31.00	35.00
Lahaul & Spiti	75.00	40.00	—	35.00	35.00	—
Mandi	51.00	46.00	40.00	41.00	31.00	28.00
Shimla	61.00	56.00	50.00	31.00	30.00	30.00
Sirmaur	48.00	48.00	48.00	23.00	23.00	23.00
Solan	55.00	55.00	55.00	35.00	30.00	30.00
Una	50.00	50.00	40.00	30.00	30.00	25.00
H.P. State Average..	58.00	48.00	46.00	36.00	32.00	30.00

TABLE

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

District	Live					
	Cattle					
	Males over 3 years		Females over 3 years		Young stock	Total cattle (Bulls and cows)
	Breeding bulls i.e. entire males over 3 years kept or used for breeding purposes only	Other males over 3 years	Breeding cows i.e. cows over 3 years kept for breeding or milk production	Other cows over 3 years		
1	2	3	4	5	6	7
Bilaspur	163	53,651	6,377	3,755	8,802	72,748
Chamba	349	96,551	40,825	49,638	62,947	2,50,310
Hamirpur	143	50,743	4,052	3,028	6,306	64,272
Kangra	781	1,95,827	72,545	39,100	1,31,652	4,39,905
Kinnaur	147	5,603	4,113	4,775	7,125	21,763
Kullu	222	42,369	26,763	62,055	45,319	1,76,729
Lahaul & Spiti	59	1,921	2,858	2,600	2,449	9,887
Mandi	4,790	1,49,736	65,904	89,969	1,22,218	4,32,617
Shimla	551	96,901	68,594	53,009	1,00,103	3,19,158
Sirmaur	356	75,344	42,590	24,249	72,247	2,14,786
Solan	260	69,311	29,789	20,584	39,292	1,59,236
Una	199	46,228	10,171	4,864	21,943	83,405
H.P. State	8,020	8,84,185	3,74,581	3,57,626	6,20,403	22,44,815

District	Live					
	Total					
	Total Yak	Total Mithuns	Total Bovine	Total Sheep	Total Goats	Total
	14	15	16	17	18	18
Bilaspur	—	—	1,56,286	33,785	62,219	1,83,884
Chamba	33	—	2,90,730	2,76,442	28,350	5,97,525
Hamirpur	8	—	1,54,810	47,973	1,68,707	3,71,490
Kangra	—	—	6,78,350	1,04,218	23,003	7,85,571
Kinnaur	1,026	—	22,794	48,187	71,643	1,13,646
Kullu	—	—	1,79,430	1,07,462	10,148	2,97,040
Lahaul & Spiti	1,088	28	11,003	44,854	2,09,851	2,72,793
Mandi	—	—	5,37,997	2,01,038	1,12,632	8,51,667
Shimla	—	—	3,39,801	1,77,989	1,12,600	6,30,390
Sirmaur	—	—	2,53,222	35,757	72,502	3,61,481
Solan	—	—	2,34,890	22,503	64,500	3,21,893
Una	—	—	1,82,566	12,560	—	1,95,126
H.P. State	2,155	28	30,41,989	11,12,768	11,20,139	52,75,925

NO. VIII

Implements in each District of Himachal Pradesh (State) in 1988

Stock	Buffaloes					
	Males over 3 years		Females over 3 years		Young stock	Total buffaloes
	Breeding bulls i.e. entire males over 3 years kept or use for breeding purposes only	Other males over 3 years	Breeding Buffaloes i.e. buffaloes over 3 years kept for breeding or milk production	Other cows over 3 years		
	8	9	10	11	12	13
640	267	29,016	27,653	25,962	83,538	
448	1,359	15,170	12,783	10,627	43,387	
273	48	50,948	13,751	25,510	90,530	
2,792	85,817	49,901	41,652	58,283	2,38,445	
—	—	1	3	1	5	
57	70	932	855	898	2,812	
—	—	—	—	—	—	
941	346	39,201	35,588	29,304	1,05,380	
3,102	272	10,579	5,719	3,763	20,643	
439	785	15,343	6,718	15,151	38,436	
720	354	27,723	22,164	24,693	75,654	
1,075	4,331	37,788	18,904	37,063	99,161	
7,695	93,649	2,76,602	1,85,790	2,31,255	7,94,991	

Stock	Horses and Ponies							
	Males over 3 years				Females over 3 years			
	Young stock	Total Horses and Ponies	Mules	Donkeys	Camels	Pigs		
	19	20	21	22	23	24	25	26
52	44	20	116	322	265	48	3,757	
761	484	102	1,347	3,882	409	—	423	
285	158	2	485	898	227	—	85	
3,268	2,939	1,421	7,628	5,169	276	126	6,782	
527	691	426	1,544	589	2,713	—	7	
470	627	836	1,983	1,689	404	—	242	
477	578	189	1,204	2,675	1,933	—	47	
1,026	879	3414	2,219	525	263	—	243	
1,063	126	57	1,246	4,647	556	—	3,427	
474	373	130	977	1,587	75	61	2,739	
330	171	13	514	1,176	571	37	125	
346	402	136	884	246	319	55	99	
9,079	7,472	3,596	20,147	23,105	8,011	327	17,976	

TABLE

Number of Livestock, Poultry and Agricultural Machinery and

According to last Census

Live

District	Total Dogs	Total livestock	Poultry			Total Poultry
			Fowls (Hens, Cocks and Chickens)	Ducks (Ducks, Drakes and Darkings)	Others	
1	27	28	29	30	31	32
Bilaspur	6,315	2,63,113	86,620	10	—	86,630
Chamba	11,097	7,68,214	60,413	3	—	60,416
Hamirpur	8,384	2,41,212	33,442	9	53	33,504
Kangra	26,995	9,86,283	2,38,521	20	—	2,38,541
Kinnaur	1,955	1,04,375	13,572	—	—	13,572
Kullu	6,564	3,65,944	44,851	51	—	44,902
Lahaul & Spiti	261	69,825	3,386	4	—	3,390
Mandi	15,027	9,81,131	81,866	25	202	82,093
Shimla	17,009	6,57,307	60,229	—	—	60,229
Sirmaur	9,109	4,16,127	51,048	5	—	51,053
Solan	7,466	3,39,784	61,752	2	—	61,754
Una	11,861	2,73,190	17,776	16	—	17,792
H.P. State	1,22,053	54,66,575	7,53,476	145	255	7,53,876

NO. VIII

Implements in each Districts of Himachal Pradesh (State) in 1988

Stock							
Agricultural Machinery and Implements							
Sugarcane Crushers							
Plough (wooden/iron)	Carts	Animal operated	Power operated	Tractors	Oil Engines	Electric Pump	Ghanis
33	34	35	36	37	38	39	40
48,921	—	87	150	32	2,289	887	—
58,151	—	2	—	—	—	—	—
59,336	—	281	54	71	43	280	—
2,24,057	232	302	270	291	—	—	—
6,722	—	—	—	—	—	—	—
45,271	—	—	—	84	—	—	—
4,461	—	—	—	24	2	—	—
1,16,646	1	7	9	226	24	19	—
64,557	—	1	60	3	—	—	—
45,766	3,534	310	535	245	—	—	—
71,698	367	77	290	104	—	—	—
53,621	588	346	665	239	—	—	—
7,99,207	4,722	1,413	2,033	1,319	2,358	934	—