

**DETAILED
TABLE**

Average Rainfall in each District of

Monsoon 1st June, 2002 to 30th September, 2002											
District	June		July		August		September		Total for the season		
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Total rain- fall	Corres- ponding nor- mal	No. of rainy days
1	2	3	4	5	6	7	8	9	10	11	12
Bilaspur	66.2	92.9	143.9	380.5	173.4	313.3	174.0	188.1	557.5	974.8	32.0
Chamba	77.1	91.1	70.5	318.7	280.6	277.9	229.6	155.3	557.8	843.0	28.6
Hamirpur	76.4	92.7	188.8	406.4	427.9	414.7	169.6	160.9	862.7	1074.7	37.8
Kangra	94.7	145.5	202.7	713.5	457.2	772.1	149.1	284.3	903.7	1915.4	40.3
Kinnaur	4.7	30.0	—	72.0	43.2	66.3	29.1	68.2	77.0	236.5	12.1
Kullu	73.8	72.4	40.9	186.4	197.8	180.3	99.5	91.8	412.0	530.9	29.0
Lahaul & Spiti	25.0	62.3	2.0	184.9	18.0	162.5	51.1	125.5	96.1	535.2	10.5
Mandi	116.9	160.7	216.1	466.9	375.8	389.0	159.1	170.5	867.9	1187.1	38.2
Shimla	50.9	106.7	26.1	324.1	231.4	277.5	180.1	154.3	488.5	852.6	25.8
Sirmaur	74.3	145.5	102.3	578.7	413.4	559.8	229.2	250.2	819.2	1534.2	32.9
Solan	83.6	108.6	121.8	395.1	163.2	373.0	134.5	185.9	503.1	1062.6	32.0
Una	53.5	36.7	144.9	338.4	526.7	284.9	152.6	150.6	877.7	860.6	33.9
State Average	66.4	99.6	105.0	363.8	275.7	339.3	146.5	165.4	593.6	968.1	29.4

Winter From 1st January, 2003 to 31st March, 2003							
District	January		February		Total for the season		
	Current	Normal	Current	Normal	Total rainfall	Corres- ponding normal	No. of rainy days
1	22	23	24	25	26	27	28
Bilaspur	36.3	57.9	59.3	59.3	96.1	117.2	7.3
Chamba	104.0	125.0	256.8	117.5	360.8	242.5	10.4
Hamirpur	53.9	68.5	88.8	58.8	142.7	127.3	7.7
Kangra	42.7	98.9	124.3	89.2	167.0	188.1	7.7
Kinnaur	13.5	95.3	23.6	99.0	37.1	194.3	6.2
Kullu	31.0	88.5	111.4	95.4	142.4	183.9	9.0
Lahaul and Spiti	15.3	158.8	158.0	140.7	173.3	299.5	10.7
Mandi	41.3	70.3	72.3	65.2	113.6	135.5	6.3
Shimla	46.1	104.3	103.1	77.6	149.2	181.9	9.0
Sirmaur	37.4	76.1	70.8	48.5	108.2	124.6	6.7
Solan	33.5	83.8	67.7	61.4	101.2	145.2	9.0
Una	57.1	51.5	87.4	48.1	144.5	99.6	7.0
State Average	42.6	89.9	102.0	80.1	144.6	170.0	8.1

SUMMARY TABLES

A—Classification of Area

(In hectares)

Heads of Classification	1998-99		1999-2000		2000-01	
	Area	% to total	Area	% to total	Area	% to total
1	2	3	4	5	6	7
Total Geographical Area :						
By professional Survey	55,67,300	—	55,67,300	—	55,67,300	—
By Village Papers	45,30,672	—	45,31,828	—	45,47,280	—
Classification :						
Forests	10,92,384	24	10,94,209	24	10,93,545	24.0
Barren and unculturable land	9,05,730	20	8,56,911	19	8,07,217	17.8
Land put to non-agricultural uses	2,33,110	5	3,02,194	7	3,13,729	6.9
Permanent pastures and other grazing lands.	14,91,072	33	14,71,536	32	15,29,243	33.6
Land under misc. tree crops and groves not included in net area sown.	67,053	2	64,161	1	56,834	1.2
Culturable waste	1,07,393	2	1,19,413	3	1,24,458	2.7
Other fallow land	27,606	1	15,714	1	13,497	0.4
Current fallows	56,905	1	56,233	1	54,165	1.2
Net area sown	5,49,419	12	5,51,457	12	5,54,592	12.2
Area sown more than once	4,20,717	9	4,05,310	9	3,92,950	8.6
Total cropped area ..	9,70,136	21	9,56,767	21	9,47,542	20.8

(In hectares)

Heads of classification	2001-2002		2002-03	
	Area	% to total	Area	% to total
1	8	9	10	11
Total Geographical Area :				
By Professional Survey	55,67,300	—	55,67,300	—
By Village Papers	45,42,759	—	45,43,146	—
Classification :				
Forests	10,98,661	24.2	10,99,447	24.2
Barren and unculturable land	8,06,574	17.8	8,06,258	17.7
Land put to non-agricultural uses	3,17,469	7.0	3,19,206	7.0
Permanent pastures and other grazing lands.	15,18,688	33.4	15,18,025	33.4
Land under misc. tree crops and groves not included in net area sown.	60,230	1.3	57,957	1.3
Culturable waste	1,22,114	2.7	1,22,221	2.7
Other fallows land	13,093	0.3	15,143	0.3
Current fallows	56,287	1.2	60,314	1.3
Net area sown	5,49,643	12.1	5,44,575	12.0
Area sown more than once	4,06,097	8.9	4,00,630	8.8
Total Cropped area ..	9,55,740	21.0	9,45,205	20.8

SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom

(In hectares)

Name of District	1998-99	1999-2k	2000-01	2001-02	2002-03
1	2	3	4	5	6
Canals—					
Government Number	—	—	—	6	6
Private Number	—	—	—	—	—
Wells or Tubewells specify the source—					
Government Number	432	432	432	432	432
Private Number	1,629	1,629	1,629	1,629	1,629
Total ..	2,061	2,061	2,061	2,061	2,061
No. of other wells used for irrigation purposes only.	116	116	116	116	116
Government—					
Masonry	—	—	—	—	—
Non-Masonry	—	—	—	—	—
Private—					
Masonry	531	531	531	531	531
Non-Masonry	181	181	181	181	181
Total ..	712	712	712	712	712
No. of wells used for domestic purposes only	3,034	3,034	3,034	3,034	3,034
No. of wells not in use	619	619	619	619	619
Tanks					
Reservoirs	59	59	59	59	59
With Ayacut 100 hectares or more.	266	266	266	216	266
With Ayacut less than 100 hectares.	492	492	492	492	492
Total ..	758	758	758	758	758
No. of Oil Engines	475	475	475	475	475
No. of Kuhls in use—					
Government	6,412	6,412	6,412	6,412	6,412
Private	10,475	10,475	10,475	10,475	10,475
Total ..	16,887	16,887	16,887	16,887	16,887
No. of lift irrigation schemes—					
Government	243	243	243	243	489
Private	246	246	246	246	—
Total ..	489	489	489	489	489
Net Area irrigated by (in hectares)—					
Govt. Canals	3,175	3,337	3,463	3,366	3,510
Private Canals	—	—	—	—	—
Govt. Tubewells	5,495	6,599	6,807	6,423	6,395
Private Tubewells	2,743	3,370	3,403	3,090	3,824
Tanks	258	270	363	257	267

SUMMARY TABLES—contd.

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

(in hectares)

	1998-99	1999-2k	2000-01	2001-02	2002-03
1	2	3	4	5	6
Net Area irrigated by (in hectares)—					
Govt. Kuhls	1,822	1,423	4,159	1,715	3,758
Private Kuhls	82,051	82,076	1,01,739	79,187	77,977
Govt. lift irrigation schemes	2,351	1,201	1,093	3,689	1,341
Private lift irrigation schemes	426	428	429	693	1,596
Govt. Wells	87	101	87	203	203
Private Wells	3,099	3,099	4,063	3,183	3,392
Others (specify)	5	3	—	—	—
Total ..	1,01,510	1,01,907	1,25,506	1,02,106	1,02,263
Percentage of net area irrigated to net area sown.	18	18	22.183	18.6	18.8
Area irrigated more than once in the same year (in hectares).	81,044	76,789	55,769	78,860	84,299
Total gross irrigated area (in hectares).	1,82,554	1,78,196	1,81,275	1,80,996	1,86,562
Percentage of total gross irrigated area to total gross cropped area.	19.0	18.7	19.13	18.9	19.7
Number of wells having independent ayacut.	—	—	—	—	—
Number of wells supplementing recognised sources of irrigation.	—	—	—	—	—
Percentage irrigated area by wells having independent ayacut to the total area irrigated.	—	—	—	—	—

Note.—Figures are to be entered for the last five years including the current year in question.

SUMMARY TABLES—contd.

C—Irrigated Area under Crops

Crops		(In hectares)				
		1998-99	1999-2k	2000-01	2001-02	2002-03
1		2	3	4	5	6
1. Food Crops:						
Rice		50,492	49,508	51,529	50,330	50,296
Wheat		70,293	68,010	66,954	67,688	73,097
Jowar or Cholam		—	2	101	—	—
Bajra or cumbu		92	15	12	20	1
Barley		4,183	3,721	3,944	3,625	2,730
Maize		24,778	23,582	24,886	25,639	27,627
Ragi or Marua		140	165	121	114	41
Italian Millets		—	—	—	—	—
Kodo or Varagu		23	—	—	—	—
Little millets or Kutki		—	364	—	317	643
Other cereals (specify)		1,584	1,290	1,794	1,183	766
Total cereals ..		1,51,585	1,46,657	1,49,161	1,48,916	1,55,201
Pulses :						
Gram		161	142	108	107	97
Green gram or Moong		3	37	136	1	—
Red gram, Tur or Arhar		8	1	2	12	2
Black gram or Urd (Mash)		751	718	749	618	620
Horse gram		128	60	133	64	136
Masur		214	145	137	91	134
Other pulses (Specify)—						
Kharif		3,858	4,424	4,551	4,228	877
Rabi		2	5	5	5	3,378
Total pulses ..		5,125	5,532	5,821	5,126	5,244
Total cereals and pulses ..		1,56,710	1,52,189	1,54,982	1,54,612	1,60,445
Sugar crops—						
Sugarcane		1,434	1,532	1,354	1,278	1,473
Fruits and Vegetables—						
Fruits & Fresh Fruits—						
Apple	Bearing trees with No. and Area.	1,419	1,162	1,596	1,591	1,714
	Non-bearing trees with No. and Area.	353	565	288	292	280
Grapes	Bearing trees with No. and Area	6	8	8	7	5
	Non-bearing trees with No. and Area.	—	—	—	—	—

SUMMARY TABLES—contd.

C—Irrigated Area under Crops—contd.

(In hectares)

Crops		1998-99	1999-2k	2000-01	2001-02	2002-03
1		2	3	4	5	6
Peaches	Bearing trees with No. and Area.	31	64	73	88	62
	Non-bearing trees with No. and Area.	—	—	—	8	—
Plum	Bearing trees with No. and Area.	91	58	116	18	102
	Non-bearing trees with No. and Area.	3	24	20	2	29
Lichi	Bearing trees with No. and Area.	116	1	34	88	65
	Non-bearing trees with No. and Area.	—	—	—	—	—
Pear	Bearing trees with No. and Area.	4	23	6	2	2
	Non-bearing trees with No. and Area.	2	—	—	—	—
Kinnu and Orange.	Bearing trees with No. and Area.	585	405	577	48	96
	Non-bearing trees with No. and Area.	4	3	2	1	11
Lemon	Bearing trees with No. and Area.	32	45	85	22	28
	Non-bearing trees with No. and Area.	—	—	—	4	—
Mango	Bearing trees with No. and Area.	522	326	619	298	417
	Non-bearing trees with No. and Area.	5	5	28	3	7
Others (specify)	Bearing trees with No. and Area.	761	1,502	1,179	1,001	1,534
	Non-bearing trees with No. and Area.	12	112	15	916	107
Total fresh fruits	Bearing trees with No. and Area.	3,567	3,594	4,293	3,163	4,025
	Non-bearing trees with No. and Area.	379	709	357	1,226	434
Dry fruits	Walnut	6	8	14	4	5
	Almonds	149	213	330	208	256
	Other dry fruits (specify)	117	135	124	3	—
Total fruits (dry)	272	356	468	215	262	
Total fruits (fresh and dry)	4,218	4,659	5,118	4,604	4,721	

SUMMARY TABLES—contd.

C—Irrigated Area under Crops—contd.

(In hectares)

Crops		1998-99	1999-2k	2000-01	2001-02	2002-03
1		2	3	4	5	6
Vegetables—						
Potatoes	Kharif	1,332	1,823	1,586	1,456	1,699
	Rabi	2,219	2,261	2,005	2,282	2,401
Total		3,551	4,084	3,591	3,738	4,100
Sweet potatoes		85	175	285	20	169
Onion		529	544	510	933	539
Tomato		1,854	1,974	2,128	2,209	2,133
Lady finger		78	102	92	64	89
Cauliflower and Cabbage		585	485	581	472	397
Other vegetables (specify)—						
Winter		933	445	642	1,172	671
Summer		1,161	1,060	708	738	821
Total		2,094	1,505	1,350	1,910	1,462
Total vegetables		8,776	8,869	8,537	9,346	8,919
Total fruits and vegetables		12,994	13,528	13,655	13,950	13,640
Condiments and Spices—						
Chillies		174	176	192	170	155
Ginger		906	951	1,005	1,217	1,029
Turmeric		14	31	16	28	17
Garlic		209	251	274	485	881
Coriander		61	47	61	74	85
Other spices		8	21	34	43	35
Total condiments and spices		1,372	1,477	1,582	2,009	2,202
Misc. Food Crops		5	—	10	—	120
Total Food Crops		1,72,575	1,68,726	1,71,583	1,71,279	1,77,760
2. Non-Food Crops :						
Cotton						
Desi		3	8	3	5	5
American		—	—	—	—	—
Total		3	8	3	5	5
Hemp		—	—	—	—	7
Other fibres		23	7	25	8	—
Total fibres		26	15	28	13	12
Edible Oilseeds—						
Groundnut		24	28	12	10	9
Sesamum		196	205	152	146	162
Rape		7	4	8	39	207
Mustard		1,182	1,186	827	1,036	937
Soyabean		186	214	215	200	200
Others (specify)		155	—	17	—	—
Total		1,750	1,637	1,231	1,431	1,515

SUMMARY TABLES—contd.

C—Irrigated Area under Crops—concl'd.

(In hectares)

Crops	1998-99	1999-2k	2000-01	2001-02	2002-03
1	2	3	4	5	6
Non-Edible Oil—					
Linseed	2,050	2,104	2,055	1,961	1,381
Taramira	114	85	77	86	58
Others	3	123	102	136	126
Total Non-edible oilseeds	2,167	2,312	2,234	2,183	1,565
Total Oilseeds	3,917	3,949	3,465	3,614	3,080
Dyes and tanning materials—					
Other dyes and tanning materials specify.	32	19	42	44	34
Total	32	19	42	44	34
Drugs and Narcotics—					
Tobacco	—	1	—	1	1
Tea	1,166	1,168	1,320	1,118	1,048
Others (specify)	56	114	76	117	91
Total Dyes and Narcotics	1,222	1,283	1,396	1,236	1,140
Fodder crops—					
Barseem	3,061	2,970	3,093	2,818	2,713
Chari	1,166	1,529	1,360	1,653	1,080
Others	544	194	307	288	658
Total	4,771	4,693	4,760	4,759	4,451
Other Misc. Non-Food Crops	71	11	1	21	85
Total—Non-Food Crops	10,039	9,970	9,692	9,687	8,802
Total—Food and Non-Food Crops.	1,82,554	1,78,696	1,81,275	1,80,966	1,86,562

CONTENTS

	<i>Pages</i>
Foreword	(i)
Introduction	.. 1—13
Explanatory Note	.. 14—15
SUMMARY TABLES :	
A—Classification of Area	.. 16
B—Sources of Water Supply and Area irrigated therefrom	.. 17—18
C—Area of Crops irrigated	.. 19—22
D—Area under all crops	.. 23—27
E—Average yield per Hectare, condition of the crop and the total out-turn of crops	.. 28—31
F—Farm prices	.. 32
G—Agricultural Wages	.. 33
H—Number of Livestock, Poultry, Agriculture Machinery and Implements	.. 34
DETAILED TABLES :	
I—Rain fall	.. 36—37
II—Classification of Area	.. 38—39
III—A. Sources of Water Supply and Area irrigated therefrom	.. 40—43
B. Area of crops irrigated	.. 44—53
IV—A. Area under Food Crops	.. 54—71
B. Area under Non-Food Crops	.. 72—75
C. Details of cropped area	.. 76—77
V—A. Standard yield per hectare and actual yield per hectare	.. 78—89
B. Total out-turn of crops	.. 90—99
VI—Farm Prices	.. 100—105
VII—Agricultural Wages	.. 106—109
VIII—No. of Livestock, Poultry, Agricultural Machinery and Implements	.. 110—119
IX—Agricultural Census	
Number and area of operational holding by size classes & type of holding for all social groups	.. 120—121
Instructions and Explanations for filling up the Tables	.. 122—124

SUMMARY TABLES—contd.

D—Area under All Crops

(In hectares)

Crops	1998-99	1999-2k	2000-01	2001-02	2002-03
1	2	3	4	5	6
Food Crops :					
Paddy/Rice	82,125	80,221	81,519	80,580	83,273
Wheat	3,79,718	3,70,587	3,62,680	3,66,680	3,59,439
Jowar	—	2	287	2	—
Bajra	469	131	116	110	102
Barley	27,752	25,901	25,643	25,017	—
Maize	3,00,976	2,99,906	2,98,052	3,01,282	2,99,801
Ragi or Marua	4,636	3,941	4,120	3,995	3,223
Italian millets	46	58	98	—	—
Kodo or Varagu	—	—	—	—	—
Little millets or Kutki	1,122	7,300	1,915	2,386	2,051
Common millets	10,641	3,901	9,145	7,476	8,119
Other Cereals (specify)—					
Kharif	13	9	34	9	19
Rabi	35	—	—	—	2
Total ..	13	9	34	9	21
Total Cereals ..	8,06,498	7,91,957	7,83,609	7,87,375	7,79,625
Pulses :					
Gram	1,908	1,691	1,403	1,144	1,351
Green gram or Moong	62	342	288	94	394
Red gram or Tur	128	155	272	1,480	334
Black gram or Urd (Mash)	15,155	14,612	14,161	13,268	12,670
Peas	4,845	5,046	5,510	5,294	6,285
Horse gram	3,028	3,307	2,807	2,418	2,582
Masur	1,168	1,061	993	751	872
Other pulses (specify)—					
Kharif	7,533	4,553	5,644	5,090	5,605
Rabi	22	1,789	15	20	35
Total ..	7,555	6,842	5,659	5,110	5,640
Total pulses ..	33,849	32,556	31,093	29,559	30,128
Total food grains and pulses ..	8,40,347	8,24,513	8,14,702	8,16,934	8,09,753
Sugar crops :					
Sugarcane ..	3,352	3,018	2,817	2,635	2,926

SUMMARY TABLES—contd.

D—Area under All Crops—contd.

(In hectares)

Crops		1998-99	1999-2k	2000-01	2001-02	2002-03
1		2	3	4	5	6
Fresh Fruits ;						
Apple	Bearing trees with No. and Area.	31,241	34,047	34,882	35,140	36,545
	Non-bearing trees with No. and Area.	7,440	6,615	7,469	8,731	7,736
Grapes	Bearing trees with No. and Area.	6	8	8	7	5
	Non-bearing trees with No. and Area.	—	1	1	2	—
Peaches/Pears.	Bearing trees with No. and Area.	447	636	685	714	728
	Non-bearing trees with No. and Area.	42	29	41	30	54
Plum	Bearing trees with No. and Area.	1,288	606	1,259	758	597
	Non-Bearing trees with No. and Area.	67	181	448	191	115
Lichi	Bearing trees with No. and Area.	226	44	47	133	76
	Non-bearing trees with No. and Area.	—	—	—	—	—
Kinnu and Orange.	Bearing trees with No. and Area.	2,254	1,195	816	165	346
	Non-bearing trees with No. and Area.	8	7	7	32	23
Lemon	Bearing trees with No. and Area.	330	215	384	123	146
	Non-bearing trees with No. and Area.	31	24	40	89	37
Mango	Bearing trees with No. and Area.	2,737	2,254	3,371	878	1,310
	Non-bearing trees with No. and Area.	128	24	121	88	47
Other Fresh Fruits.	Bearing trees with No. and Area.	9,358	8,173	8,151	10,852	10,788
	Non-bearing trees with No. and Area.	41	2,415	728	3,102	1,889

SUMMARY TABLES—contd.

D—Area under All Crops—contd.

(In hectares)

Crops		1998-99	1999-2k	2000-01	2001-02	2002-03
1		2	3	4	5	6
Total Fresh Fruits (specify)	Bearing trees with No. and Area.	47,880	47,178	49,603	48,770	50,541
	Non-bearing trees with No. and Area.	7,764	9,296	8,855	12,265	9,901
Total Fresh Fruit		55,664	56,474	58,458	61,035	60,445
Dry fruits ;						
Walnut	Bearing trees with No. and Area.	32	31	37	70	64
	Non-bearing trees with No. and Area.	5	28	3	7	7
Almonds	Bearing trees with No. and Area.	472	554	677	806	590
	Non-bearing trees with No. and Area.	128	130	156	169	279
Other dry fruits	Bearing trees with No. and Area.	462	490	544	327	313
	Non-bearing trees with No. and Area.	25	15	32	2	7
Total dry fruits	Bearing trees with No. and Area.	966	1,075	1,258	1,203	974
	Non-bearing trees with No. and Area.	158	173	191	178	138
Total dry fruits ..		1,124	1,248	1,449	1,381	1,112
Total fresh and dry fruits	Bearing trees with No. and Area.	48,846	48,253	50,867	49,973	51,515
	Non-bearing trees with No. and Area.	7,922	9,469	9,046	12,443	10,039
Total Fresh & Dry Fruits		56,768	57,722	59,907	62,416	61,554
Vegetables :						
Potatoes	Kharif	10,580	10,617	10,451	10,173	10,326
	Rabi	3,251	3,756	3,552	3,696	4,306
Total ..		13,831	14,373	14,003	13,869	14,632
Brinjal		47	98	101	486	61
	Sweet Potatoes.	313	175	19	102	29
Onion		778	848	766	1,112	807
Tomato		4,133	4,267	4,451	5,201	4,981
Lady finger		202	181	182	146	132
Cauliflower and Cabbage.		2,830	2,975	2,885	2,979	2,621
Other Vegetables	Winter	8,534	9,544	9,098	9,336	1,993
	Summer	2,572	2,214	2,410	2,885	1,795
Total others ..		11,106	11,758	11,508	12,221	3,788
Total vegetables		33,240	34,675	33,915	36,086	34,289
Total Fruits & Vegetables		90,008	92,397	93,822	98,502	95,843

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

(in hectares)

Crops	1998-99	1999-2k	2000-01	2001-02	2002-03
1	2	3	4	5	6
Condiments and spices :					
Chillies	1,007	863	903	1,024	837
Ginger	1,822	2,038	2,299	2,609	2,455
Turmeric	84	125	117	127	125
Garlic	663	548	1,056	1,397	3,180
Coriander	395	379	322	308	263
Other condiments and spices	45	42	60	166	90
Total condiments and spices	4,016	3,995	4,737	5,831	6,978
Other Misc. Food Crop	14	16	183	58	8
Total Food crops	9,37,737	9,23,939	9,18,289	9,23,960	9,15,508
Fibres :					
Cotton :					
Desi	53	36	40	20	28
American	4	—	—	—	—
Total	57	36	40	20	28
Hemp	21	—	—	—	36
Other fibres (Specify)	78	41	46	38	—
Total fibres	156	77	86	58	64
Edible Oilseeds :					
Groundnut	282	179	137	129	194
Sesamum	4,563	4,056	4,596	4,475	4,482
Rape	34	16	22	57	232
Mustard	9,056	9,726	8,489	9,002	8,319
Soyabean	585	553	649	661	697
Other edible oilseeds	307	97	4	5	4
Total Edible oilseeds	14,827	14,627	13,897	14,329	13,928
Non Edible Oilseeds:					
Linseed	2,384	2,937	2,444	2,272	1,610
Taramira	1,461	1,037	1,183	1,328	1,279
Other non-edible oilseeds (specify)	35	256	197	249	272
Total non-edible oilseeds	3,880	4,230	3,824	3,849	3,161
Total oilseeds	18,707	18,857	17,721	18,178	17,089
Dyes and Tanning materials :					
Other dyes and tanning materials (specify).	32	20	46	48	40
Total dyes and tanning material.	32	20	46	48	40
Rubber	—	—	—	—	—
Drugs and Narcotics :					
Tobacco	59	17	27	23	32
Tea	3,010	2,991	2,919	2,891	2,785
Other drugs and narcotics (specify)	341	382	352	190	186
Total drugs and narcotics	3,410	3,390	3,298	3,104	3,003

SUMMARY TABLES—contd.

D—Area under All Crops—concl'd.

(in hectares)

Crops	1998-99	1999-2000	2000-01	2001-02	2002-03
1	2	3	4	5	6
Fodder Crops :					
Barseem	4,847	4,747	4,516	4,353	4,227
Charl	4,227	5,019	4,796	4,905	4,016
Other (specify)	863	567	669	1,015	1,208
Total	9,937	10,333	9,981	10,273	9,451
Other Misc. non-food crops	157	151	127	119	50
Total non-food crops	32,399	32,828	31,259	31,780	29,697
Gross cropped area :					
Kharif :					
Food crops	5,03,829	5,00,024	5,01,154	5,08,884	5,00,975
Non-food crops	13,710	14,428	14,590	14,542	13,832
Rabi :					
Food crops	4,33,908	4,23,922	4,15,229	4,15,076	4,14,534
Non-food crops	18,689	18,393	16,669	17,238	15,864
Total food crops	9,37,737	9,23,946	9,16,283	9,23,260	9,15,509
Total non-food crops	32,399	32,821	31,259	31,780	29,696
Grand Total	9,70,136	9,56,767	9,47,542	9,55,740	9,45,205
Area cropped more than once.	4,20,717	4,05,311	3,92,950	4,06,097	4,00,630
Net cropped area	5,49,419	5,51,456	5,54,592	5,49,643	5,44,575
Cropped area of forecast crops :					
Failed	—	—	—	7,98,076	4,26,641
Matured	—	—	—	1,57,664	5,18,564
Total gross un-adjusted area under various mixtures.	—	—	—	—	—

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SUMMARY

E—Average yield per hectare

Crops	1998-99		1999-2000	
	Average yield	Total outturn	Average yield	Total outturn
1	2	3	4	5
Food Crops :				
Rice	1,423	1,16,997	15,00,427	1,20,365
Wheat	1,267	4,81,267	1,573,993	—
Jowar	—	—	—	—
Bajra or Cumbu	553	226	—	—
Barley	1,038	27,756	—	—
Maize	2,201	6,62,282	—	—
Ragi or Marua	—	—	—	—
Italian Millets	—	—	—	—
Kodo or Varagu	—	—	—	—
Common & little millets	480	9,842	458	—
Total cereals	—	—	—	—
Pulses :				
Gram	786	1,653	—	—
Peas	1,880	10,919	—	—
Green Gram or Moong	391	25	—	—
Red Gram, Tur or Arhar	236	30	—	—
Black Gram (Urd) Mash	512	6,167	—	—
Horse Gram (Kulth)	456	1,475	—	—
Masur	541	518	—	—
Other pulses (specify)	497	2,984	—	—
Total Pulses	—	23,771	—	—
Total food-grains	—	13,22,731	—	—
Ginger	1,331	2,631	—	—
Turnerie	709	59	—	—
Cardamom	—	—	—	—
Chillies	221	224	—	—
Zeera	—	—	—	—
Garlic	1,069	700	—	—
Coriander	321	128	321	122
Other Condiments and spices (specify)	—	—	—	—
Total Condiments and spices	—	3,742	—	4,17

TABLES—contd.

Condition of the Crops and the total outturn of Crops

	2000-01		2002-02		2002-03	
	Average yield	Total outturn	Average yield	Total outturn	Average yield	Total outturn
	6	7	8	9	10	11
	1532.081	1,24,893	1705.384	1,37,418	1028.583	85,653
	692.951	2,51,319	1738,167	6,37,068	1378.697	4,95,557
	315	89	553	1	—	—
	401	41	485	57	504	57
	835.034	21,414	1386,467	34,687	1297.466	30,615
	2293.706	6,83,642	2549,757	7,68,189	1613.374	4,83,333
	—	—	—	—	—	—
	—	—	—	—	130	—
	—	—	—	—	506	1,931
	349	6,548	472	5,604	—	3,833
	—	—	—	15,85,480	—	11,00,979
	569	857	753	1,004	724	1,013
	1,389	11,886	1,569	11,949	1,277	12,057
	316	81	393	32	262	112
	154	44	215	339	212	52
	410	4,153	466	5,393	327	3,065
	275	805	394	967	238	599
	445	276	504	278	456	359
	455	2,358	480	2,580	—	1,929
	—	20,460	—	22,542	—	19,186
	—	11,08,406	—	16,08,022	—	11,20,165
	2,299	22,592	11,120	29,012	6,710	17,051
	483	56	604	74	460	65
	—	—	—	—	—	—
	139	128	193	195	99	87
	—	—	—	—	118	3
	774	862	1,025	1,719	583	2,379
	219	72	275	105	321	84
	—	—	—	—	—	—
	—	23,710	—	31,105	—	19,669

SUMMARY

E—Average yield per hectare

Crops	1998-99	
	Average yield	Total outturn
1	2	3
Fruits :		
Apple	—	—
Mango	—	—
Orange	—	—
Peaches	—	—
Pears	—	—
Lichi	—	—
Plum	—	—
Lemon	—	—
Chilgoza	—	—
Almonds	—	—
Total Fruits	—	—
Vegetables :		
Potato	11,772	1,53,303
Tomato	—	—
Cauliflower and Cabbage	—	—
Brinjal	—	—
Lady finger	—	—
Other Vegetables	—	—
Total Vegetables	—	1,53,303
Sugarcane	5,174	15,354
Total food crops	—	14,94,630
Non-food Crops :		
Groundnut	642	286
Sesamum	396	2,122
Rape	—	—
Mustard	717	4,707
Linseed	287	617
Taramira	534	1,026
Soyabean	1,187	1,153
Sunflower	531	181
Tobacco	1,149	20
Tea	—	—
Indian Hemp	—	—
San Hemp	—	—
Cotton :		
Desi	—	—
American	—	—
Total Non-food Crops	—	10,142
Total Food and Non-food Crops	—	15,04,772

TABLES—contd.

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

Average yield	1999-2k		2000-01		2001-02		2002-03	
	Total outturn	Average yield	Total outturn	Average yield	Total outturn	Average yield	Total outturn	
4	5	6	7	8	9	10	11	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
13,271	1,82,543	13,686	1,91,645	7,802	1,08,207	10,212	1,43,054	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	1,82,543	—	1,91,645	—	1,08,207	—	1,43,054	
5,515	15,529	—	12,126	4,474	11,219	1,956	4,649	
—	—	16,54,043	13,35,887	—	—	—	—	
632	150	627	82	506	75	446	103	
423	2,080	303	1,738	354	2,404	272	1,907	
—	—	—	—	—	—	443	170	
—	4,950	508	3,190	687	4,750	460	4,043	
—	890	112	349	187	558	183	364	
—	789	365	447	479	732	331	331	
—	716	920	585	1,227	725	—	1,135	
—	167	—	—	—	—	—	—	
—	21	960	21	1,015	26	1,149	38	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	568	16	
—	—	—	—	510	13	—	—	
—	—	9,783	6,423	—	9,283	—	8,138	
—	—	—	—	16,63,826	13,42,310	17,67,836	12,95,695	

SEASON AND CROP REPORT

EXPLANATORY NOTE

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

- I. **Introduction.**—(i) General characteristics of the year to which the Report relates,
 - (ii) the geographical area,
 - (iii) total number of villages,
 - (iv) extent of reporting and non-reporting areas, etc.
- II. **Rainfall.**—(i) One paragraph on each of the main rainfall seasons of the State,
 - (ii) rainfall and other weather conditions in the different regions of the State, their effects on the different agricultural operations—especially on the area sown, growth and yield of the crops,
 - (iii) any damage caused to the crops.
- III. **Classification of Area.**—(i) Utilization of land during the year, any marked departures from the normals and their causes.
- IV. **Irrigation.**—(i) Sources of Irrigation, any additions during the year,
 - (ii) area irrigated total, crop-wise and source-wise—any departures from normals,
 - (iii) proportion of irrigated area to total sown area.
- V. **Crop acreages.**—(i) Total area sown as compared with normal,
 - (ii) total area under different crops, their comparison with normals,
 - (iii) any other changes in crop acreages,
 - (iv) any increase in area sown due to new reclamations or use of improved methods of classification.
- VI. **Yield per hectare of crops.**—(i) The normal yields,
 - (ii) the condition factor,

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

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

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

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

Crops	1998-99	1999-2k	2000-01	2001-02	2002-03
1	2	3	4	5	6
Rice	711.00	809.00	792.00	755.00	683.00
Wheat	615.00	671.00	715.00	710.00	742.00
Jowar	—	518.00	525.00	469.00	—
Bajra	—	—	617.00	1300.00	625
Barley	563.00	556.00	652.00	700.00	760.00
Maize	508.00	525.00	559.00	798.00	600.00
Gram	1588.00	1685.00	2,094.00	2020.00	2035.00
Moong	2459.00	2573.00	2,647.00	2855.00	2565.00
Arhar	2300.00	1950.00	2,057.00	2400.00	2292.00
Mash	2322.00	2315.00	2,809.00	2905.00	2690.00
Kulth	1938.00	2193.00	2,084.00	2219.00	2295.00
Masur	1985.00	2078.00	2,330.00	2348.00	2395.00
Peas	1828.00	1527.00	1,667.00	1813.00	1780.00
Ginger	2488.00	1480.00	1,895.00	1656.00	2125.00
Chillies	5370.00	5464.00	5,444.00	5715.00	6016.00
Garlic	2195.00	2178.00	2,302.00	2422.00	2135.00
Coriander	4693.00	4154.00	3,689.00	4527.00	2743.00
Turmeric	2930.00	3400.00	3,709.00	2719.00	3750.00
Zeera	475.00	—	—	—	—
Apple	1245.00	1667.00	1,667.00	1667.00	1833.00
Mango	3000.00	2200.00	1,500.00	2000.00	—
Orange and Kinnu	2000.00	3000.00	—	—	—
Peaches	700.00	—	—	—	—
Pears	1500.00	—	—	—	—
Lichi	2000.00	—	—	—	—
Plum	500.00	—	—	—	—
Lemon	—	—	—	—	—
Almonds	—	—	—	—	—
Chilgoza	—	—	—	—	—
Walnut	—	—	—	—	—
Potato	602.00	490.00	647.00	681.00	630.00
Tomato	563.03	1167.30	933.00	1027.00	888.00
Cauliflower	748.00	967.00	630.00	734.00	898.00
Brinjal	713.00	825.00	734.00	750.00	564.00
Lady finger	1075.00	1289.00	1,183.00	800.00	800.00
Sugar raw	—	1175.00	1,213.00	1400.00	—
Groundnut	1673.00	1983.00	2,000.00	2175.00	2740.00
Caster seed	—	—	—	—	2533.00
Linseed	1867.00	2290.00	2,107.00	2099.00	2342.00
Rape	1610.00	1649.00	1,638.00	2200.00	2150.00
Mustard	1959.00	1799.00	1,894.00	1808.00	2105.00
Sesamum	3124.00	3228.00	3,316.00	3384.00	3360.00
Soyabean	2269.00	1713.00	1,722.00	1779.00	1870.00
Sunflower	1500.00	—	—	—	—
Cotton	2925.00	2750.00	3,133.00	3000.00	2978.00

FOREWORD

This issue of State Annual Season Crop Report for the Agricultural year 2002-2003 attempts to serve as ready compendium of Agricultural conditions of H. P. State with Statistical data on important variables, such as land use profile, crop-wise irrigated and un-irrigated area, source-wise net/gross irrigated area, cropping pattern, production crop-wise, season-wise rainfall data, farm harvest prices. This report also includes Livestock & Agricultural Census Data.

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

At the State Headquarters the report has been compiled by Shri Mohan Singh, Assistant Research Officer, by taking the assistance of all the ARO's & Statistical Assistant working in the Statistical Cell of this office under guidance of Dr. M. P. Sood, Additional Director Land Records, H. P.

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

B. R. VERMA (I.A.S.),
Director of Land Records,
Himachal Pradesh, Shimla-9.

SUMMARY TABLES—*contd.*

G—Agricultural Wages

Month and year	Skilled Labour			Field Labour	Other Agr. Labour	Herds-men
	Carpenter	Blacksmith	Cobblers			
1	2	3	4	5	6	7
2001-02 :						
July	130	121	112	83	69	66
August	130	121	112	83	69	66
September	130	121	113	84	69	66
October	130	122	113	84	69	66
November	130	122	113	84	69	66
December	130	122	113	84	69	66
January	130	122	114	84	68	67
February	130	122	114	84	68	67
March	130	122	114	84	84	67
April	130	122	114	84	84	67
May	130	122	114	84	84	67
June	130	122	114	84	84	67
Average of the year	130	122	114	84	80	67
2002-03 :						
July	130	122	114	93	69	66
August	130	122	114	88	69	67
September	130	122	114	87	69	67
October	130	124	112	87	69	65
November	130	124	112	87	69	65
December	132	121	112	87	69	67
January	132	127	117	92	69	68
February	132	124	117	91	69	68
March	134	125	117	87	70	68
April	135	130	117	87	70	69
May	135	128	117	87	70	69
June	136	128	117	88	72	75
Average of the year	132	125	115	88	70	68

SUMMARY TABLES—contd.

H—Number of Livestock, Poultry and Agricultural Machinery

	1987	1992	1997
Cattle—			
Males over 3 years :			
Breeding bulls	—	68,205	1,50,225
Other males over 3 years	8,92,205	7,86,061	5,72,484
Females over 3 years—			
Breeding cows	3,74,581	3,84,821	4,63,873
Other cows over 3 years	3,57,626	3,54,605	2,38,659
Young stock	6,20,403	5,71,342	5,84,613
Total cattle	22,44,815	21,65,034	20,01,826
Buffaloes—			
Males over 3 years :			
Breeding bulls	7,695	5,250	5,917
Other males over 3 years	90,649	10,831	2,454
Females over 3 years—			
Breeding Buffaloes	2,79,602	2,99,909	3,02,299
Other Buffaloes over 3 years	1,85,790	2,72,060	1,22,803
Young stock	2,31,255	1,15,492	2,18,900
Total Buffaloes	7,94,991	7,03,542	6,52,373
Total Sheep	11,12,768	10,78,940	9,08,831
Total Goats	11,20,139	11,18,094	9,46,529
Total Yaks	—	5,697	2,548
Horses and Ponies:			
Males over 3 years	9,079	7,602	12,703
Females over 3 years	7,415	6,453	9,323
Young stock	3,653	N.A.	N.A.
Total Horses and Ponies	20,147	14,055	22,026
Mules	23,105	16,390	24,404
Donkeys	8,011	7,522	6,639
Camels	327	367	168
Pigs	17,976	7,286	4,670
Total livestock	53,42,279	51,16,933	45,78,773
Poultry:			
Fowls	7,53,476	7,21,849	3,81,850
Ducks	145	73	1662
Others	255	674	1568
Total Poultry	7,53,876	7,22,596	3,85,080
Agricultural Machinery and Implements:			
Plough	7,99,207	7,10,349	3,06,185
Carts	4,722	1,128	1,807
Sugarcane Crushers	1,413	1,878	1,213
Tractors	1,319	3,466	3,679
Oil Engines	2,358	1,299	1,295
Electric Pumps	934	1,222	2,530
Thresher	—	2,692	9,095

CATION	Cultivated Area					
	Land under misc. tree crops and groves not included in area sown	Culturable waste	Other fallow land	Current fallows	Net area sown	Area sown more than once
8	9	10	11	12	13	14
146	6,171	1,407	1,499	29,909	27,376	57,285
15	6,272	247	2,280	41,777	23,835	65,612
51	9,973	1,239	6,894	35,105	35,121	70,226
7,726	27,410	380	10,588	1,16,661	99,300	2,15,961
105	3,554	75	2,087	7,268	1,324	8,592
355	2,828	—	3,026	36,707	23,849	60,556
124	588	3	85	3,326	87	3,413
266	4,419	333	9,656	86,371	73,483	1,59,854
3,476	13,503	5,681	11,751	67,301	26,178	93,479
37,179	15,798	2,409	5,183	39,795	33,192	72,987
834	12,484	1,029	4,597	39,264	22,422	61,686
7,680	19,221	2,340	2,668	41,091	34,463	75,554
57,957	1,22,221	15,143	60,314	5,44,575	4,00,630	9,45,205

Sources of water and area irrigated therefrom

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

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

Ayacut means irrigable areas.

in each District of Himachal Pradesh in 2002-2003

(in hectares)

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

Net area irrigated by

Private	No. of Canals		Govt. Canals	Private Canals	Govt. Tube-wells	Private Tube-wells	Tanks	Kuhls		Govt. lift irrigation schemes
	Govt.	Private						Govt.	Private	
22	23	24	25	26	27	28	29	30	31	32
—	—	—	—	—	—	80	—	583	1,708	258
—	—	—	—	—	—	—	—	—	6,433	62
—	—	—	—	—	50	12	—	—	1,350	200
—	—	—	—	—	—	700	—	—	29,767	—
—	—	—	—	—	—	—	—	2,007	2,411	—
—	—	—	—	—	—	—	—	—	2,501	—
—	—	—	—	—	—	—	—	295	3,031	—
—	—	—	—	—	—	—	—	—	13,339	—
—	—	—	—	—	—	—	—	—	2,425	—
—	6	—	3,510	—	1,437	524	—	698	6,889	104
—	—	—	—	—	610	190	—	169	7,791	—
—	—	—	—	—	4,298	2,309	267	6	332	717
—	6	—	3,510	—	6,395	3,824	267	3,758	77,977	1,341

Sources of water and area irrigated therefrom

District	Private lift Irr. Scheme	Govt. wells	Private wells	Other (specify)	Total (Col. 25 to 36)	%age of net area irrigated to net area sown	Area irrigated more than once in the same year (in hectares)	Total/gross area irrigated (in hectares)
(in hectares)								
Bilaspur	421	2	112	—	3,164	10.6	2,926	6,090
Chamba	28	—	—	—	6,523	15.6	1,959	8,482
Hamirpur	—	—	15	—	1,627	4.6	1,789	3,416
Kangra	1,005	—	2,086	—	33,528	28.7	33,524	69,052
Kinnaur	—	—	—	—	4,418	60.8	932	6,350
Kullu	—	—	—	—	2,501	6.8	477	2,978
Lahaul & Spiti	—	—	—	—	3,326	100.00	87	3,413
Mandi	—	85	117	—	13,341	15.7	12,480	26,021
Shimla	—	—	—	—	2,425	3.6	2,300	4,725
Sirmaur	126	116	275	—	13,679	34.4	12,048	25,727
Other	—	—	1,761	—	9,590	24.3	7,889	17,419
Una	16	—	36	—	8,001	19.5	5,888	13,889
Total H.P. ..	1,596	203	3,392	—	1,02,263	18.8	84,299	1,86,562

No. III-A—contd.

in each District of Himachal Pradesh in 2002-2003

(in hectares)

%age of total gross irrigated area to total gross cropped area	No. of wells having an independent Ayacut	No. of wells supplementing recognised sources of irrigation	%age of area irrigated by wells having independent ayacut to the total area irrigated	No. of Circles		No. of Villages			Total Khasra Nos.
				Kanungo	Patwar	Inhabited	Uninhabited	Total	
10.6	—	—	—	8	82	965	115	1,080	3,19,154
12.9	—	—	—	21	183	1,111	487	1,598	8,37,890
4.9	—	—	—	19	198	1,651	33	1,684	36,14,809
31.9	—	—	—	48	519	3,620	249	3,869	31,24,163
62.3	—	—	—	9	30	228	432	660	2,09,682
4.9	—	—	—	10	100	173	—	173	4,87,706
100.00	—	—	—	4	20	256	265	521	63,521
16.3	—	—	—	44	445	2,906	461	3,367	27,40,127
5.0	—	—	—	31	244	2,567	450	3,017	14,68,438
35.3	—	—	—	14	126	981	3	984	6,56,387
28.2	—	—	—	13	149	2,415	136	2,551	6,71,510
18.4	—	—	—	17	175	817	49	866	12,71,497
19.7	—	—	—	238	2,271	17,690	2,680	20,370	1,54,64,884

TABLE

Area of Crops irrigated in each District of

District	Rice		Maize				
	HYV	Others	HYV	Others	Ragi	Jowar	Bajra
Bilaspur	1,051	—	1,805	—	—	—	—
Chamba	573	1,640	442	2,078	2	—	—
Hamirpur	918	—	751	—	—	—	—
Kangra	24,680	38	7,621	14	—	—	—
Kinnaur	—	—	—	256	12	—	—
Kullu	1,274	29	30	—	—	—	—
Lahaul and Spiti	—	—	49	—	—	—	—
Mandi	10,442	6	2,062	4	16	—	—
Shimla	203	1,120	290	348	6	—	—
Sirmaur	3,693	257	4,328	1,294	5	—	1
Solan	2,834	—	2,985	—	—	—	—
Una	1,538	—	3,270	—	—	—	—
Total H.P.	.. 47,206	3,090	23,633	3,994	41	—	1
		50,296	27,627				

District	Other cereals (specify)	Total cereals	Pulses				
			Gram	Green gram or Moong.	Red gram or Tur (Arhar)	Black gram or Urd (Mash)	Peas
Bilaspur	—	5,647	21	—	2	32	1
Chamba	—	8,167	—	—	—	27	—
Hamirpur	—	3,275	—	—	—	1	—
Kangra	—	60,963	14	—	—	158	14
Kinnaur	—	2,108	—	—	—	7	567
Kullu	—	2,071	7	—	—	—	50
Lahaul and Spiti	—	791	—	—	—	—	1,497
Mandi	—	24,207	11	—	—	48	—
Shimla	—	3,492	2	—	—	52	—
Sirmaur	—	19,204	40	—	—	185	686
Solan	—	13,652	1	—	—	78	559
Una	—	11,624	1	—	—	32	1
Total H.P.	.. —	1,55,201	97	—	2	620	3,375

No. III-B

Himachal Pradesh in 2002-2003

(In hectares)

Cereals							
Wheat		Barley		Indian Millet	Kodo or Varagu	Little Millets	Common Millets
HYV	Others	HYV	Others				
9	10	11	12	13	14	15	16
2,768	—	23	—	—	—	—	—
1,331	1,423	12	335	—	—	331	—
1,605	—	—	1	—	—	—	—
27,018	1,077	455	60	—	—	—	—
—	840	—	83	—	—	202	715
490	94	37	117	—	—	—	—
118	—	573	—	—	—	—	51
11,459	18	200	—	—	—	—	—
585	630	156	133	—	—	21	—
7,307	1,756	312	162	—	—	89	—
7,742	20	10	61	—	—	—	—
6,816	—	—	—	—	—	—	—
67,239	5,858	1,778	952	—	—	643	766
	73,097		2,730				

Other pulses (specify)						Sugar crops			
Horse gram (Kulth)	Masur gram	Other pulses (specify)				Total Pulses	Total Cereals and pulses	Sugar-cane	
		Kharif		Rabi					
24	25	26	27	28	29	30	31	32	33
1	1	—	—	—	—	—	58	5,705	20
9	9	20	—	—	—	20	65	8,232	—
—	—	—	—	—	—	—	1	3,276	12
20	14	—	—	—	—	—	220	61,183	170
—	1	747	—	2	—	749	1,324	3,432	—
—	—	—	—	—	—	—	57	2,128	—
65	—	58	—	—	—	58	1,620	2,411	—
1	6	5	—	1	—	6	72	24,279	—
4	1	23	—	—	—	23	82	3,574	—
29	99	24	—	—	—	24	1,063	20,267	992
7	—	—	—	—	—	—	645	14,297	145
—	3	—	—	—	—	37	37	11,661	154
136	134	877	—	3	—	880	5,244	1,60,445	1,473

TABLE

Area of Crops irrigated in each District of

FRUITS						
District	Fresh Fruits					
	Apple		Grapes		Peaches	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
1	34	35	36	37	38	39
Bilaspur	—	—	—	—	1	—
Chamba	1	—	—	—	1	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	1,366	228	4	—	—	—
Kullu	215	—	—	—	—	—
Lahaul & Spiti	20	27	1	—	—	—
Mandi	3	—	—	—	—	—
Shimla	56	25	—	—	—	—
Sirmaur	53	—	—	—	60	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
Total H. P.	1,714	280	5	—	62	—

FRUITS						
District	Fresh Fruits					
	Lemon		Mango		Other (Specify)	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
1	48	49	50	51	52	53
Bilaspur	1	—	5	—	4	—
Chamba	—	—	1	1	1	—
Hamirpur	—	—	—	—	8	—
Kangra	17	—	184	—	1,143	—
Kinnaur	—	—	—	—	110	—
Kullu	—	—	—	—	12	38
Lahaul & Spiti	—	—	—	—	6	8
Mandi	—	—	—	—	197	—
Shimla	7	—	—	—	—	—
Sirmaur	2	—	140	2	12	—
Solan	—	—	—	—	25	60
Una	1	—	87	4	16	1
Total H. P.	28	—	417	7	1,534	107

No. III-B—contd.

Himachal Pradesh in 2002-03

(In hectares)

Fresh Fruits							
Plum		Lichi		Pears		Orange and Kinnu	
Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
40	41	42	43	44	45	46	47
—	—	—	—	—	—	3	—
1	1	—	—	—	—	—	—
2	—	65	—	2	—	3	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
55	—	—	—	—	—	—	—
42	28	—	—	—	—	—	—
2	—	—	—	—	—	12	—
—	—	—	—	—	—	78	11
102	29	65	—	2	—	96	11

Dry Fruits							
Total fresh fruits		Walnut		Almond		Chilgoza	
Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
54	55	56	57	58	59	60	61
14	—	—	—	—	—	—	—
5	2	—	—	—	—	—	—
8	—	—	—	—	—	—	—
1,416	—	—	—	—	—	—	—
1,480	228	4	—	82	11	—	—
227	38	—	—	60	7	—	—
27	35	—	—	—	—	—	—
255	—	—	—	—	—	—	—
105	53	—	—	42	52	—	—
281	2	1	1	2	—	—	—
25	60	—	—	—	—	—	—
182	16	—	—	—	—	—	—
4,025	434	5	1	186	70	—	—

TABLE

Area of Crops irrigated in each District of

District	Dry Fruits					
	Other dry fruits (Specify)		Total Fruits (dry)		Total Fruits (Fresh & Dry)	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
1	62	63	64	65	66	67
Bilaspur	—	—	—	—	14	—
Chamba	—	—	—	—	5	2
Hamirpur	—	—	—	—	8	—
Kangra	—	—	—	—	1,416	—
Kinnaur	—	—	86	11	1,566	239
Kullu	—	—	60	7	287	45
Lahaul & Spiti	—	—	—	—	27	35
Mandi	—	—	—	—	255	—
Shimla	—	—	42	52	147	105
Sirmaur	—	—	3	1	284	3
Solan	—	—	—	—	25	60
Una	—	—	—	—	182	16
Total H. P.	—	—	191	71	4,216	505

District	Other Vegetables (Specify)			Condiments		
	Winter	Summer	Total other vegetables	Total vegetables	Total fruits and vegetables	Chillies
1	76	77	78	79	80	81
Bilaspur	—	27	29	143	157	4
Chamba	—	—	—	186	193	—
Hamirpur	3	29	32	69	77	1
Kangra	96	127	223	1,829	3,245	8
Kinnaur	—	—	—	88	1,893	—
Kullu	33	174	207	223	675	2
Laubul & Spiti	—	9	9	826	888	—
Mandi	175	61	236	436	691	19
Shimla	63	25	88	768	1,020	13
Sirmaur	137	2	139	1,414	1,701	104
Solan	126	317	443	1,924	2,009	—
Una	38	48	86	893	1,091	4
Total H.P.	671	821	1,462	8,919	13,640	155

Vegetables							
Potatoes			Sweet Potatoes	Onion	Tomato	Lady-finger	Cauli-flower & Cabbage
Kharif	Rabi	Total					
68	69	70	71	72	73	74	75
—	4	4	—	44	62	—	4
123	7	130	—	52	—	1	3
—	4	4	—	21	—	3	9
7	1,861	1,368	12	153	1	57	15
71	—	71	—	—	—	—	17
8	29	37	—	6	37	7	49
813	—	813	—	—	—	—	4
—	74	74	—	59	17	—	50
24	242	266	156	21	139	—	98
342	221	563	—	91	532	5	84
2	70	72	—	30	1,331	6	42
309	389	698	1	62	14	10	22
1,699	2,401	4,100	169	539	2,133	89	397

and Spices

Ginger	Turmeric	Garlic	Coriander	Other condiments and Spices (Specify)	Total condiments and Spices	Other Miscellaneous food crops	Total Food Crops
82	83	84	85	86	87	88	89
74	3	19	—	1	101	—	5,983
—	—	16	1	—	17	—	8,442
6	5	2	—	—	14	—	3,379
20	1	46	1	—	76	—	64,574
—	—	—	—	25	25	—	5,350
—	—	33	2	—	37	120	2,840
—	—	—	—	—	—	—	3,299
36	1	74	8	1	139	—	25,109
71	1	10	5	—	100	—	4,694
599	2	618	43	8	1,374	—	24,314
222	—	59	—	—	281	—	16,732
1	4	4	25	—	38	—	12,944
1,029	17	881	85	35	2,202	120	1,77,760

District	Fibres					
	Cotton			Hemp	Other fibres	Total fibres
	Desi	American	Total			
1	90	91	92	93	94	95
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	1	—	1	—	—	1
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—
Solan	4	—	4	—	—	4
Una	—	—	—	7	—	7
Total H.P.	5	—	5	7	—	12

Oil Seed

District	Oil Seed		
	Taramira	Others (specify)	Total non-edible Oil seeds
1	104	105	106
Bilaspur	6	2	8
Chamba	—	—	13
Hamirpur	—	—	—
Kangra	1	—	1,096
Kinnaur	—	—	—
Kullu	—	—	—
Lahaul & Spiti	—	—	—
Mandi	5	—	278
Shimla	—	—	—
Sirmaur	16	—	16
Solan	14	124	138
Una	16	—	16
Total H. P.	58	126	1,565

(in hectares)

Oil Seeds							
Edible							
Ground-nut	Sesamum	Rape (Toriya)	Mustard	Soyabean	Others (specify)	Total Edible Oil seeds	Linseed
96	97	98	99	100	101	102	103
—	3	21	53	5	—	82	—
—	—	—	27	—	—	27	13
—	—	—	2	—	—	2	—
—	71	181	289	43	—	584	1,095
—	—	—	—	—	—	—	—
—	—	—	20	—	—	20	—
—	—	—	28	—	—	28	—
—	—	—	33	117	—	150	273
—	3	—	14	—	—	17	—
5	21	5	205	19	—	255	—
3	41	—	55	16	—	115	—
1	23	—	211	—	—	235	—
9	162	207	937	200	—	1,515	1,381

Dyes and Tanning Materials

Total Oilseeds	Acacia (Kikar)	Other Dyes and tanning materials	Total Dyes and tanning materials
107	108	109	110
90	—	—	—
40	—	—	—
2	—	—	—
1,680	—	—	—
—	—	—	—
20	—	—	—
28	—	—	—
428	—	—	—
17	—	—	—
271	—	—	—
253	3	30	33
251	—	1	1
3,080	3	31	34

Area of Non Food Crops irrigated in each District of

District	Drugs & Narcotics					
	Tobacco	Tea	Bhang	Opium or Poppy	Hops, Maru, Kuth (Other specify)	Total drugs and Narcotics
1	111	112	113	114	115	116
Bilaspur	1	—	—	—	—	1
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	1,048	—	—	—	1,048
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	86	86
Mandi	—	—	—	—	4	4
Shimla	—	—	—	—	1	1
Sirmaur	—	—	—	—	—	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
Total H. P.	1	1,048	—	—	91	1,140

(in hectares)

Fodder Crops			Irrigated			
Barseam	Chari	Others (Specify)	Total	Other misc. non-food crops.	Total non-food crops	Total food & non-food crops
117	118	119	120	121	122	123
11	5	—	16	—	107	6,090
32	2	—	34	—	40	8,482
1,236	156	258	1,650	—	4,378	69,052
7	—	42	49	69	138	2,978
433	19	19	471	9	114	3,413
8	5	—	13	—	31	4,725
417	671	47	1,135	7	1,413	25,727
172	209	16	397	—	687	17,419
397	13	276	686	—	945	13,889
2,713	1,080	658	4,451	85	8,802	1,86,562

Area under Food Crops in each District

District	CEREALS					
	Rice			Maize		
	Current		Normal	Current		Normal
	HYV	Others		HYV	Others	
1	2	3	4	5	6	7
Bilaspur	1,526	—	1,980	26,739	—	26,006
Chamba	1,122	1,684	2,799	9,670	18,995	26,969
Hamirpur	—	4,627	2,585	30,151	—	32,074
Kangra	35,813	1,331	37,589	54,935	3,750	57,872
Kinnaur	—	31	25	—	338	378
Kullu	1,297	422	1,758	10,210	6,652	16,685
Lahaul & Spiti	—	—	—	49	—	37
Mandi	20,928	14	20,621	46,345	2,336	48,094
Shimla	254	2,833	2,773	4,268	9,374	16,624
Sirmaur	4,750	520	5,514	17,298	5,764	24,491
Solan	3,377	—	3,589	23,778	—	24,154
Una	2,744	—	2,891	29,149	—	29,031
Total H. P.	71,811	11,462	82,124	2,52,592	47,209	3,02,415
		83,273		2,92,801		

District	Wheat			Barley		
	Current		Normal	Current		Normal
	HYV	Others		HYV	Others	
	1	14	15	16	17	18
Bilaspur	26,669	—	27,167	197	—	245
Chamba	8,750	10,878	20,622	487	2,933	3,990
Hamirpur	34,400	—	34,765	—	96	128
Kangra	86,224	5,551	94,495	1,943	632	2,716
Kinnaur	—	347	450	—	1,188	1,459
Kullu	16,244	4,094	22,867	2,471	996	3,666
Lahaul & Spiti	118	—	159	573	—	589
Mandi	65,219	1,154	66,607	—	3,839	4,190
Shimla	6,636	9,446	20,821	1,659	2,811	4,923
Sirmaur	17,430	7,846	27,821	1,721	658	2,538
Solan	21,581	70	23,669	23	1,369	1,756
Una	36,782	—	31,926	—	—	1
Total H. P.	3,20,053	39,386	3,71,369	9,074	14,522	26,201
		3,59,439		23,596		

INTRODUCTION

The Annual Season and Crop Report is an annual publication of State Government, attempting to reflect the land-use pattern, district-wise, as well as, corresponding data on production structure of agriculture viz, land classification, month-wise and season-wise rainfall data, source-wise net irrigated area, crop-wise gross irrigated area, farm harvest prices, agricultural wages. This report also incorporates data on quinquennial Live Stock Census 1997 and holding-wise agrarian structure as observed during Agricultural Census 2000-01.

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

PHYSICAL FEATURES :—

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

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

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

CLIMATIC AND AGRO-CLIMATIC ZONES:

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

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

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

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

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

(ii) *Low Hills:—*

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

(iii) *High Hills:—*

These areas lie between 2000 metres and 3500 metres above the mean sea level and are sparsely populated. They are good for raising forests.

(iv) *Alpine Zones:—*

Above 3500 metres. These zones are good for grazing.

(v) *The Land of Snows:—*

Without vegetation.

PRECIPITATION AND ITS SPREAD:

Land Use Profile (Table-II) is preceded by detailed season-wise information on rainfall statistics for the year 2002-2003. It is a fact that precipitation is most important input not only for the germination of crops seed but also for its subsequent growth and maturity. The quantum of rainfall and proper distribution are the most crucial variables for a State like Himachal Pradesh where the development of irrigation infrastructure is severely restricted by its topography. The extent of assured area irrigated during the year under review is 19.7 percent

of the total cropped area rainfed and 80.3 percent area is still unirrigated. The following considerations are also important while talking about the concept of assured irrigation:—

1. The dominant share of net irrigated area is attributable to the common source of irrigation viz., Kuhl, which is nearly 80.0%. These kuhl are water channels led from the source of water to the fields.
2. The production of crops depends upon the quantum of timely rainfall and its proper distribution during the crop seasons. The distribution of rainfall is indicated by the number of rainy days shown against each district in Table-I of the Report.

CLASSIFICATION OF AREA UNDER LAND UTILIZATION:—

Land use classification is the systematic arrangements of various types of available land on the basis of certain defined characteristics, mainly to identify and understand their fundamental utility. Thus, land must be carefully preserved & utilized so that it may fulfil our multifarious requirements. The Table-II (Detailed Tables) of this report reveals the district-wise land use profile of the State. The total geographical area of the State according to Surveyor General of India is 55,67,300 hectares or 55,673 sq. kms. In comparison to this geographical area, the total cadastrally surveyed area by village papers in the State during the year under review comes to 45,43,146 hectares revealing thereby that 10,24,154 hectares of area is unsurveyed and is not appearing in revenue records. The magnitude of such area in the aforesaid year was 18.4 percent of the total geographical area, a major part of which falls into the Districts of Kinnaur and Kullu. The accompanying Table-I depicts the break-up of the reporting area during the year 2002-2003 vis-a-vis the preceding year 2001-2002.

TABLE-I—CLASSIFICATION OF REPORTING AREA 2001-2002 AND 2002-2003 :

Sl. No.	Category	2001-2002		2002-2003	
		Area	%	Area	%
1	2	3	4	5	6
1.	Forests	10,98,661	24.2	10,99,447	24.2
2.	Barren & Unculturable land.	8,06,574	17.8	8,06,258	17.7
3.	Land put to non-agricultural uses.	3,17,469	7.0	3,19,206	7.0
4.	Permanent pastures and other grazing lands.	15,18,688	33.4	15,18,025	33.4
5.	Land under Misc. crops and groves not included in area sown.	60,230	1.3	57,957	1.3
6.	Culturable waste	1,22,114	2.7	1,22,221	2.7

1	2	3	4	5	6
7. Other fallow land		13,093	0.3	15,143	0.3
8. Current fallow land		56,287	1.2	60,314	1.3
9. Net area sown		5,49,643	12.1	5,44,575	12.0
10. Total reporting area by village papers (1 to 9).		45,42,759	—	45,43,146	—
11. Total cropped area		9,55,740	21.0	9,45,205	20.8
12. Area sown more than once.		4,06,097	8.9	4,00,630	8.8

I. FORESTS:—

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

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

A glance at Table-I shows that the area under this category has increased this time to 786 hectares as compared to last year. Area under forest is 10,99,447 hectares during the year 2002-2003 as against 10,98,661 during the year 2001-2002. This accounts for 24.2% of the total area.

II. BARREN AND UNCULTURABLE :—

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

This account for only 17.7 percent of the total reporting area during the year under report and reasons for this decrease in the area is due to settlement operations and actual figures are now taking their own shapes. In absolute terms it is 8,06,258 hectares.

III. LAND PUT TO NON-AGRICULTURAL USES:—

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

During the year under review, the total area under this category accounts for 7.0 percent of the total reported area. In absolute terms, the total area under the category is 3,19,206 hectares during 2002-2003 as against 3,17,469 hectares for 2001-2002.

IV. PERMANENT PASTURES AND OTHER GRAZING LANDS.—

This includes all grazing lands whether they are permanent pastures or not. The village common grazing lands are also included under this head. The land under this category forms the larger chunk of the reporting area and is 33.4 percent. In absolute terms such area is to the extent of 15,18,025 hectares during 2002-2003 as against 15,18,688 hectares during 2001-2002.

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

This includes all such land which is not included in Net Area Sown but it is put to some agricultural uses. It includes the land under Misc. trees etc. i. e. land under casurina tree, thatching grasses, bamboo bushes and other groves for fodder/fuel purposes. The area under this head is 57,957 hectares which is only 1.3% of the reporting area during the year under review.

VI. NET AREA SOWN :—

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

The net area sown during the year 2002-2003 was 5,44,575 hectares as against 5,49,643 hectares during the year 2001-2002. It constituted 12.0 percent of the reporting area during the year under report.

VII. TOTAL CROPPED AREA :—

It is sum total of all areas sown under all crops during the year under review, treating "areas sown more than once" separately for each crop. This area during the year 2002-2003 was 9,45,205 hectares as against 9,55,740 hectares during the year 2001-2002.

VIII. CULTURABLE WASTE LANDS :—

This comprises of all lands available for cultivation whether taken up for cultivation or abandoned after a few years for one reason or the other. Such lands may be either fallow or covered with shrubs or jungles, which are not put to any use. They may be assessed or unassessed and may lie in isolated blocks or within cultivated holdings. Land once cultivated but not cultivated for five years or more in succession shall be included under this head. The land under this category forms 2.7% of the total reporting area. The area during the year under report is 1,22,221 as against 1,22,114 in the year 2001-2002.

IX. OTHER FALLOW LANDS :—

This includes all lands which were taken up for cultivation but are temporarily out of cultivation for a period of not less than one year.

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

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

Such lands are also classified as "Banjar Jadid" in the parlance of the Revenue Department. The extent of such lands during the year 2002-2003 is only 0.3 percent of the total reporting area.

X. CURRENT FALLOWS:

This represents cropped areas which are kept fallow during the current year. For example, if any seeding area is not cropped again in the same year, it may be treated as current fallows. The land under this category also forms 1.3 percent of the total reporting area for the year 2002-2003. There is increase of 4,027 hectares under this category of land as compared to the last year.

INTENSITY OF CROPPING:—

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

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

Table-II depicts the said ratio district-wise for the year 2002-2003 and for the State it is 173.56 percent. The district-wise position is also given hereunder:—

TABLE-II—DISTRICT-WISE INTENSITY OF CROPPING FOR THE YEAR 2001-02 VIS-A-VIS 2002-2003.

Sl. No.	Name of District	Year 2001-2002			Year 2002-2003		
		Net area sown	Total cropped area	Intensity	Net area sown	Total cropped area	Intensity
1	2	3	4	5	6	7	8
1.	Bilaspur	30,366	57,783	190.3	29,909	57,285	191.5
2.	Chamba	42,535	68,309	160.6	41,777	65,612	157.0
3.	Hamirpur	35,382	70,062	198.0	35,105	70,226	200.0
4.	Kangra	1,16,595	2,22,154	190.5	1,16,661	2,15,961	185.1
5.	Kinnaur	7,580	9,088	119.9	7,268	8,592	118.2

1	2	3	4	5	6	7	8
6.	Kullu	37,092	61,407	165.6	36,707	60,556	165.0
7.	Lahaul & Spiti	3,296	3,377	102.5	3,326	3,413	102.6
8.	Mandi	87,307	1,56,662	179.2	86,371	1,59,854	185.0
9.	Shimla	69,273	97,399	140.6	67,301	93,479	138.9
10.	Sirmaur	41,447	76,568	184.7	39,795	72,987	183.4
11.	Solan	38,267	64,054	167.4	39,264	61,686	157.1
12.	Una	40,503	68,877	170.1	41,091	75,554	183.9
Total ..		5,49,643	9,55,740	173.8	5,44,575	9,45,205	173.6

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

Sl. No.	Name of District	Intensity of cropping				
		Year 1998-99	Year 1999-2000	Year 2000-2001	Year 2001-02	Year 2002-03
1.	Bilaspur	188.9	190.6	191.9	190.3	191.5
2.	Chamba	168.2	152.1	146.5	160.6	157.0
3.	Hamirpur	196.5	195.9	191.7	198.0	200.0
4.	Kangra	187.7	187.3	184.0	190.5	185.1
5.	Kinnaur	124.2	116.1	123.0	119.9	118.2
6.	Kullu	167.0	157.3	179.7	165.6	164.9
7.	Lahaul-Spiti	104.3	102.9	103.1	102.5	102.6
8.	Mandi	187.8	188.3	183.9	179.2	185.0
9.	Shimla	147.5	141.6	129.6	140.6	138.9
10.	Sirmaur	184.2	186.1	182.3	184.7	183.4
11.	Solan	165.0	163.1	163.3	167.4	157.1
12.	Una	179.7	176.2	172.3	170.1	183.9
H. P. State average ..		176.6	173.5	170.9	173.8	173.6

Table-II reveals that ratio of cropping intensity was highest in Hamirpur district i.e. 200.0% for the year 2002-2003. Similar trend can be seen in Table-III, during the last 5 years except for the year 2000-01 and Hamirpur district was at the top. The cropping intensity was lowest in tribal district of Lahaul & Spiti (102.6%) and Kinnaur distt. (118.2%). The logical conclusions emerge from Table-II and Table-III as follows:—

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

- (ii) The ratio of cropping intensity is low in Tribal districts of H. P., namely Lahaul & Spiti 102.6% and Kinnaur 118.2%. The reasons for low intensity can be attributed to these districts that these districts are single cropped zones and not viable for repeated cropping owing to mountainous and snow bound areas, mostly for 5 to 6 months. Besides, the intensity of cropping also being influenced by snow bound conditions and other factors, such as irrigation infrastructures, agro-climatic conditions and source of finance of the farmers at the time of sowing and harvesting season.

IRRIGATION INTENSITY :—

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

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

The Table IV exhibits the ratio of irrigation intensity for the State as 182.4%. It can also be seen from the table that it is highest in District Hamirpur 209.9%, followed by District Kangra 206.9%, Shimla 194.8%, Bilaspur 192.5%, Mandi 192.2%, Sirmour 188.0%, Solan 182.1%, Una 173.6%, Chamba 130.0%, Kinnaur 128.6%, Kullu 119.1% and Lahaul-Spiti 102.6%.

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

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

Sl. No.	Name of District	Year 2001-2002			Year 2002-2003		
		Net irrigated area	Gross irrigated area	Intensity %	Net irrigated area	Gross irrigated area	Intensity %
1	2	3	4	5	6	7	8
1.	Bilaspur	3,164	5,841	184.6	3,164	6,090	192.5
2.	Chamba	5,569	7,088	127.3	6,523	8,482	130.0
3.	Hamirpur	3,150	4,808	152.6	1,627	3,416	209.9
4.	Kangra	32,194	63,851	198.3	33,528	69,052	206.0
5.	Kinnaur	4,530	5,478	120.9	4,418	5,350	121.0
6.	Kullu	2,510	2,790	111.15	2,501	2,978	119.1
7.	Lahaul-Spiti	3,296	3,377	102.5	3,326	3,413	102.6
8.	Mandi	13,106	25,591	195.3	13,541	26,021	192.2

	1	2	3	4	5	6	7	8
9. Shimla			3,148	5,129	162.9	2,425	4,725	194.8
10. Sirmaur			14,264	26,486	185.0	13,679	25,777	188.0
11. Solan			9,530	18,056	189.5	9,530	17,419	182.8
12. Una			7,645	12,571	164.4	8,001	13,889	173.6
Total	..	1,02,106	1,80,966	177.2	1,02,263	1,86,562	182.4	

PRODUCTIVITY OF CROPS :—

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

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

(ii) The productivity in respect of all remaining crops is being estimated on the basis of crop cutting experiments by traditional method of Anawari method. These experiments at the field level are also being conducted jointly by the Department of Revenue & Agriculture. The yield/hectare in respect of five major crops for the year 2002-2003 vis-a-vis 2001-2002 is tabulated in Table-V is as under:—

TABLE-V—PRODUCTIVITY OF MAJOR CROPS:—

Sl. No.	Name of crops	Yield/hectare in kgs. 2001-2002	Yield/hectare in kgs. 2002-2003
1.	Maize	2549.757	1613.374
2.	Paddy	1705.384	1028.583
3.	Wheat	1738.167	1378.697
4.	Barley	1386.467	1297.466
5.	Potato	7.802	9.975
6.	Ginger	11.120	6.945

CROPPING PATTERN :—

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

indicates total out-put for the year 2002-2003 as against the preceding year 2001-2002. An analytical study of this table gives following results:—

- (i) As usual it shows that the economy of the State is Agricultural based and majority of the population is sustaining on the agricultural output 96.9% of the total area sown under all crops is covered by food crops and 3.1% by non-food crops. The food crops constitute 99.4 per cent & non-food about 0.6% of the total out-turn of the crops grown.
- (ii) Under food crops, it is the cereal crops viz. Wheat, Barley, Maize, Paddy and other Cereals which accounts for major share of area as well as production of the crops sown. The cereal crops contribute 82.4 percent of the total cropped area and 84.9 percent to the total output. Keeping in mind the peculiar physical & Agro-climatic conditions of the State, the scope to bring more area under cultivation is severely limited and available land is exhaustively used for raising cereal crops for the purpose of self-subsistency of the rural masses.
- (iii) A look at pulses crops would reveal that area under these crops is just 3.2 percent of the total cropped area with corresponding share 1.5 percent in total production.
- (iv) The only shift in area, if any is clearly visible in respect of area under horticultural crops. The total area under fruit and vegetables during the year 2002-2003 aggregates 10.1 percent of total cropped area. The vegetables crops account for 11.0 percent of the total output. It is mentioned here that methodology for estimating production under fruit crops in the State is yet to be finalized and for this reason production statistics for such crops have not been included in the tabular data of Table-V I of the report.
- (v) The total output for the year 2002-2003 i. e. 12.95 lacs metric tonnes which is lower as compared to corresponding figures of 15.77 lacs metric tonnes for the year 2001-2002. The decrease in the total cropped area in absolute terms and is due to inclement weather conditions at the time of sowing.
- (vi) The present production estimates do not depict the output statistics of fruit and some vegetables crops & one has to concede that overall production estimates do not give actual position of crop production. However, this department is presently involved in implementing a Centrally Sponsored Scheme on fruit and vegetables so that a comprehensive survey on area and production of fruit and vegetable is completed at the earliest and such production and estimates are subsequently generated.
- (vii) Of late, the State is making a headway in augmenting area under the crops of Apple, Potato, Gingers, Peas, Hops, Kuth and Cabbage etc. Though the scope for increasing area under these crops is limited yet in view of their cash earning potential, it is hoped that these crops are bound to induce some welcome change in the economic position of peasantry class.

TABLE-VI—PERCENTAGE OF DISTRIBUTION AREA AND OUTPUT FOR THE YEAR 2001-2002 AND 2002-2003

Sl. No.	Name of Crop	2001-2002				2002-2003			
		Area hectare	%	Output (MT)	%	Area hectares	%	Output (MT)	%
1	2	3	4	5	6	7	8	9	10
1.	Maize	3,01,282	31.5	7,68,198	43.5	2,99,801	31.7	4,83,333	37.3
2.	Paddy	80,508	8.4	1,37,418	7.8	83,273	8.8	85,653	6.6
3.	Wheat	3,66,518	38.3	6,37,068	36.0	3,59,439	38.0	4,95,557	38.2
4.	Barley	25,017	2.6	34,687	1.9	23,596	2.5	30,615	2.4
5.	Other Cereals.	13,978	1.5	8,109	0.5	10,191	1.2	5,821	0.4
6.	Total cereals (1 to 5).	7,87,375	82.3	15,85,480	89.7	7,79,624	82.5	11,00,979	85.0
7.	Total Pulses.	29,559	3.1	22,542	1.3	30,128	3.2	19,206	1.5
8.	Total food-grains.	8,16,934	85.5	16,08,022	91.0	8,09,753	85.7	11,20,185	86.4

8	2	3	4	5	6	7	8	9	10
9.	Total Fruits.	62,416	6.5	—	—	61,554	6.5	—	—
10.	Total Vegetables.	36,086	3.8	1,08,207	6.1	34,289	3.6	1,43,054	11.2
11.	Other Food Crops.	8,524	0.9	42,324	2.4	8	0.0	24,318	1.9
12.	Total Food Crops.	9,23,960	96.7	17,58,553	99.5	9,15,508	96.8	12,87,557	99.4
13.	Total Non-food Crops.	31,780	3.3	9,283	0.5	29,697	3.1	8,138	0.6
14.	Total Food & Non-food Crops.	9,55,740	100.0	17,67,836	100.0	9,45,205	100.0	12,95,695	100.0

FARM HARVEST PRICES :—

The data appended in Table-VII given below provides a comparative position of farm harvest prices for the year 2002-2003 as against the preceding year 2001-2002. The Farm Harvest Prices indicate the wholesale prices/quintal of the produce at the farm site which is exclusive of transport and other cartage costs etc. It is defined as the average wholesale price at the village site during the specified harvest period and is arrived at on the basis of prevalent prices at the pre-selected centres.

TABLE-VII—FARM HARVEST PRICES OF MAJOR CROPS FOR THE YEAR 2001-2002 AND 2002-2003.

(Prices in Rupees per Quintal)

Sl. No.	Name of Crop	Year 2001-2002	Year 2002-2003
1.	Paddy	755	683
2.	Maize	798	600
3.	Wheat	710	742
4.	Barley	700	760
5.	Gram	2020	2035
6.	Groundnut	2175	2740
7.	Rapeseed/Mustard	1808	2105

AGRICULTURAL WAGES :

The accompanying Table-VIII indicates the position of agricultural wages per day in respect of skilled and un-skilled workers for the year 2001-2002 and 2002-2003. The data appearing in the Table exhibits the position of the State, as a whole.

TABLE-VIII—AGRICULTURAL WAGES/DAYS FOR THE YEAR 2001-2002 AND 2002-2003

Sl. No.	Category of labour	Year 2001-2002	Year 2002-2003
1.	Carpenter	130	132
2.	Blacksmith	122	125
3.	Cobblers	114	115
4.	Field labour	84	88
5.	Other agricultural labour	84	70
6.	Herdsman	67	68

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

TABLES

No. 1

Himachal Pradesh in 2002-03

(In millimetres)

Post-Monsoon
1st October, 2002 to 31st December, 2002

October		November		December		Total for the season		
Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corresponding normal	No. of rainy days
13	14	15	16	17	18	19	20	21
13.5	36.4	—	13.6	—	34.8	13.5	84.8	1.0
14.9	69.2	0.6	36.0	17.9	72.9	33.4	178.1	1.2
22.2	27.0	—	8.0	13.9	32.8	36.1	67.8	2.3
4.6	46.2	—	13.4	0.2	50.5	4.8	110.1	0.3
2.4	36.4	—	13.0	0.2	57.0	2.6	106.4	0.5
12.0	31.4	1.0	13.7	3.6	41.3	16.6	86.4	3.0
—	86.1	0.5	31.0	1.3	63.8	1.8	180.9	—
23.4	51.9	—	15.3	—	35.0	23.4	102.2	0.9
8.3	49.5	2.9	13.8	4.9	46.6	16.1	109.9	1.8
12.1	70.2	—	9.5	4.6	32.0	16.7	111.7	1.7
11.9	60.9	—	9.3	—	27.5	11.9	97.7	0.7
8.1	28.1	—	4.7	—	25.2	8.1	58.0	0.3
11.1	49.4	0.4	15.1	3.9	43.3	15.4	107.8	1.1

Pre-Monsoon
1st April, 2003 to 31st May, 2003

March		April		May		Total for the season			Total for the year		
Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corresponding normal	Number of rainy days	Total rainfall	Corresponding normal	Total No. of rainy days
29	30	31	32	33	34	35	36	37	38	39	40
69.1	64.5	13.0	19.6	8.5	33.6	90.6	117.7	8.0	757.7	1294.5	48.3
184.1	139.8	88.9	87.0	54.4	77.8	327.4	304.6	20.8	1379.4	1568.2	61.0
81.7	53.6	6.3	25.2	1.0	28.5	89.0	107.3	4.8	1130.5	1377.1	52.6
103.4	90.3	26.3	44.7	6.0	44.6	135.7	179.6	8.0	1211.2	2393.2	56.3
33.2	99.1	55.9	70.7	2.7	64.4	91.8	234.2	9.0	208.5	771.4	27.8
148.3	111.8	82.4	73.9	14.3	57.2	245.0	242.9	15.0	816.0	1044.1	56.0
170.9	182.6	41.3	132.0	76.9	116.9	289.1	431.5	18.8	560.3	1447.1	40.0
79.4	82.3	26.5	41.9	8.1	56.8	114.0	183.0	7.5	1118.9	1607.8	52.9
76.3	78.7	61.5	44.2	34.9	58.3	171.7	181.2	14.2	825.5	1335.6	50.8
15.3	50.4	16.7	11.7	13.2	28.3	45.2	90.4	5.5	989.3	1860.9	46.8
45.3	58.8	18.5	21.1	7.7	35.0	71.5	114.9	6.4	687.7	1420.4	48.1
66.9	41.3	14.3	18.5	1.6	16.8	82.8	76.6	4.6	1113.1	1094.8	45.8
89.4	87.8	37.6	49.2	19.1	51.7	146.1	188.7	10.2	899.7	1434.6	48.8

TABLE

Classification of area in each District of

District	Total geographical area		CLASSIFICATION			
	By professional survey	By village papers	Forests	Barren and unculturable lands	Land put to non-agricultural uses	Permanent pastures and other grazing lands
1	2	3	4	5	6	7
Bilaspur	1,16,700	1,11,775	12,866	6,847	11,874	41,056
Chamba	6,51,500	6,92,419	2,72,008	5,504	11,722	3,52,594
Hamirpur	1,11,800	1,10,172	18,386	14,615	18,415	5,495
Kangra	5,73,900	5,77,964	2,32,110	18,022	77,575	87,492
Kinnaur	6,55,300	6,23,742	37,359	1,30,919	1,24,544	3,17,831
Kullu	5,50,300	50,124	—	1,129	6,079	—
Lahaul and Spiti	13,69,300	9,11,165	1,35,369	5,46,695	4,865	2,20,110
Mandi	3,95,100	3,97,823	1,75,375	25,018	—	96,385
Shimla	5,13,160	5,07,370	1,29,177	12,729	14,660	2,49,092
Sirmaur	2,82,600	2,24,746	48,343	8,493	10,654	56,892
Solan	1,93,700	1,80,923	20,290	14,223	9,779	78,423
Una	1,54,000	1,54,923	18,165	22,064	29,039	12,655
Total H.P.	55,67,300	45,43,146	10,99,447	8,06,258	3,19,206	15,18,025

No. IV-A

of Himachal Pradesh in 2002-2003

(in hectares)

Crops							
Jewar		Bajra or Cumbu					
Current	Normal	Current	Normal	Current	Normal	Current	Normal
8	9	10	11	12	13		
—	1	—	2	—	—	—	—
—	1	—	1	—	—	—	—
—	—	1	2	—	—	—	—
—	56	89	201	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	19	—	—	—	—
—	—	—	3	—	—	—	—
—	—	11	18	—	—	—	—
—	—	—	3	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	58	102	249	—	—	—	—

Italian millets		Kodo or Varagu		Little millets or Kutki		Common millets	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
20	21	22	23	24	25	26	27
—	—	—	—	—	—	—	—
—	—	36	25	1,786	1,745	—	—
—	—	2	7	—	5	—	—
—	—	76	104	265	129	—	58
—	—	177	121	—	192	2,062	2,133
—	—	537	569	—	173	769	762
—	—	—	2	—	—	51	111
—	—	1,129	1,292	—	337	554	578
—	—	1,229	1,715	—	2,685	4,255	1,903
—	—	37	447	—	10	428	260
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	3,223	4,282	2,051	5,276	8,119	5,745

TABLE

Area under Food Crops in each District

District	Other cereals (specify)						Total Cereals	
	Kharif		Rabi		Total		Current	Normal
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	28	29	30	31	32	33	34	35
Bilaspur	—	—	—	—	—	—	55,131	55,401
Chamba	—	—	2	9	2	9	56,343	56,161
Hamirpur	—	—	—	—	—	—	69,277	69,566
Kangra	19	—	—	—	19	—	1,90,628	1,93,220
Kinnaur	—	7	—	—	—	7	4,143	4,765
Kullu	—	—	—	—	—	—	43,692	46,480
Lahaul & Spiti	—	29	—	—	—	29	791	927
Mandi	—	31	—	—	—	31	1,41,518	1,41,769
Shimla	—	—	—	—	—	—	42,766	51,447
Sirmaur	—	2	—	—	—	2	56,463	61,041
Solan	—	3	—	—	—	3	58,198	53,174
Una	—	—	—	—	—	—	68,675	63,849
Total H.P.	19	72	2	9	21	81	7,79,625	7,97,800

District	Pulses					
	Peas		Horse gram (Kulth)		Masur	
	Current	Normal	Current	Normal	Current	Normal
1	44	45	46	47	48	49
Bilaspur	8	10	32	37	178	8
Chamba	11	148	321	259	14	44
Hamirpur	—	—	62	81	5	16
Kangra	27	22	308	493	133	158
Kinnaur	650	203	—	—	1	3
Kullu	331	340	71	68	95	63
Lahaul & Spiti	1,497	1,390	65	9	—	1
Mandi	330	31	350	419	138	200
Shimla	697	—	697	714	92	114
Sirmaur	1,840	1,823	316	390	345	418
Solan	893	1,089	335	458	13	36
Una	1	1	25	54	19	27
Total H. P.	6,285	5,057	2,582	2,982	872	1,088

Pulses							
Gram		Green gram or Moong		Red gram or tur (Arhar)		Black gram or Urd (Mash)	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
36	37	38	39	40	41	42	43
248	205	6	6	17	5	137	153
—	3	134	57	—	—	2,155	2,252
8	21	—	—	—	—	160	128
414	422	127	72	—	6	2,847	3,156
—	—	—	—	—	—	9	11
69	60	97	19	—	507	1,085	1,244
—	—	—	—	—	7	—	—
36	37	7	18	—	10	1,567	1,660
26	45	—	5	49	53	2,083	2,601
167	235	—	31	—	3	1,031	1,459
223	480	—	—	7	37	1,403	1,462
160	197	23	29	261	2	193	608
1,351	1,705	394	237	334	630	12,670	14,734

Other Pulses (specify)					
Kharif		Rabi		Total	
Current	Normal	Current	Normal	Current	Normal
50	51	52	53	54	55
68	46	—	—	68	46
622	717	20	8	642	725
1	3	—	—	1	3
236	267	8	19	244	286
877	993	2	4	879	997
1,384	721	—	2	1,384	723
58	30	—	—	58	30
848	1,128	4	2	852	1,130
1,424	1,638	—	345	1,424	1,983
67	159	—	—	67	159
1	20	—	56	1	76
19	6	1	—	20	6
5,605	5,728	35	436	5,640	6,164

District	Total Pulses	
	Current	Normal
1	56	57
Bilaspur	533	470
Chamba	3,277	3,488
Hamirpur	236	249
Kangra	4,100	4,615
Kinnaur	1,539	1,214
Kulluj	3,132	3,024
Lahaul & Spiti	1,620	1,437
Mandi	3,280	3,505
Shimla	5,068	5,515
Sirmaur	3,766	4,518
Solan	2,875	3,638
Una	702	924
Total H. P.	30,128	32,597

District	Fruits and					
	Fresh					
	Apple					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
No.	Area		No.	Area		
	Current	Normal		Current	Normal	
62	63	64	65	66	67	
Bilaspur	—	—	—	—	—	
Chamba	1,88,260	1,322	1,220	65,292	292	
Hamirpur	—	—	—	—	—	
Kangra	—	9	2	—	—	
Kinnaur	—	1,815	1,657	1,35,203	305	
Kulluj	—	7,531	7,220	—	9	
Lahaul & Spiti	—	—	17	7,491	27	
Mandi	—	1,379	1,163	—	—	
Shimla	—	23,831	21,434	—	7,091	
Sirmaur	—	548	605	—	2	
Solan	—	90	29	—	10	
Una	—	—	—	—	—	
Total H. P.	—	36,545	33,347	—	7,736	

Total Foodgrains (Cereals & Pulses)		Sugarcane	
Current	Normal	Current	Normal
58	59	60	61
55,664	55,871	64	56
59,620	59,649	—	—
69,513	69,815	44	60
1,94,728	1,97,835	517	567
5,682	5,979	—	—
46,824	49,504	—	—
2,411	2,364	—	—
1,44,798 ✓	1,45,274	1	4
47,834	56,962	—	—
60,229	65,559	1,609	1,557
53,073	56,812	314	260
69,377	64,773	377	547
8,09,753	8,30,397	2,926	3,051

Vegetable

Fruits

Grapes			Peaches					
Bearing trees with No. & Area		Non-bearing trees with No. & Area		Bearing trees with No. & Area				
No.	Area		No.	Area		No.	Area	
	Current	Normal		Current	Normal		Current	Normal
68	69	70	71	72	73	74	75	76
208	—	1	—	—	—	—	—	4
—	—	—	—	—	1	3,432	23	10
—	—	1	—	—	—	—	—	10
480	4	6	—	—	—	—	—	—
150	1	—	—	—	—	—	—	2
—	—	—	—	—	—	—	124	12
—	—	—	—	—	—	—	570	468
—	—	—	—	—	—	—	—	13
—	—	—	—	—	—	3,036	11	—
—	5	8	—	—	1	—	728	549

TABLE

Area under Food Crops in each District

District	Peaches			Plum		
	Non-Bearing trees with No. & Area		No.	Bearing trees with No. & Area		No.
	No.	Area		Current	Normal	
1	77	78	79	80	81	82
Bilaspur	5,499	21	—	—	—	3
Chamba	—	—	1	6,596	45	38
Hamirpur	—	—	—	—	—	—
Kangra	—	—	7	—	3	23
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	91	514
Lahaul & Spiti	—	—	2	—	—	—
Mandi	—	—	—	—	152	124
Shimla	—	20	1	—	271	277
Sirmaur	—	9	13	—	35	64
Solan	—	—	4	—	—	79
Una	325	4	—	—	—	—
Total H. P.	—	54	28	—	597	1,122

Pears

District	Bearing trees with No. & Area		Non-Bearing trees with No. & Area			
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	92	93	94	95	96	97
Bilaspur	—	—	4	—	—	2
Chamba	365	4	15	140	—	3
Hamirpur	—	—	—	—	—	—
Kangra	—	12	1	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	71	27	—	—	2
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	3	1	—	1	—
Sirmaur	—	—	25	—	—	2
Solan	—	35	8	—	25	6
Una	1,000	5	—	400	3	—
Total H.P.	—	130	81	—	29	15

No. IV A—contd.

of Himachal Pradesh in 2002-2003

(in hectares)

Lichi								
Non-Bearing trees with No. & Area			Bearing trees with No. & Area			Non-Bearing trees with No. & Area		
No.	Area		No.	Area		No.	Area	
	Current	Normal		Current	Normal		Current	Normal
83	84	85	86	87	88	89	90	91
1,544	—	8	10	—	—	—	—	—
—	—	3	—	76	117	—	—	—
—	—	102	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	115	71	—	—	—	—	—	—
—	—	6	—	—	1	—	—	—
—	—	6	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	115	196	—	76	118	—	—	—

Kinnu and Orange					Lemon				
Bearing trees with No. & Area			Non-bearing trees with No. & Area			Bearing trees with No. & Area			
No.	Area		No.	Area		No.	Area		
	Current	Normal		Current	Normal		Current	Normal	Normal
98	99	100	101	102	103	104	105	106	
2,758	67	21	1,741	12	11	4,955	20	85	
—	—	—	—	—	—	2,605	19	32	
—	72	1,064	—	—	—	—	25	54	
—	—	2	—	—	—	—	4	4	
—	—	—	—	—	—	—	—	—	
—	—	12	—	—	—	—	52	26	
—	16	50	—	—	3	—	9	42	
—	—	9	—	—	2	—	—	14	
11,940	191	—	425	11	—	4,903	17	—	
—	346	1,158	—	23	16	—	146	257	

TABLE

Area under Food Crops in each District

District	Lemon			Mango		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	107	108	109	110	111	112
Bilaspur	1,753	25	22	6,200	221	186
Chamba	945	5	8	4,353	35	14
Hamirpur	—	—	—	—	—	16
Kangra	—	—	34	—	389	1,727
Kinnaur	—	—	—	—	—	—
Kullu	—	—	2	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	4	3	—	7	5
Sirmaur	—	1	3	—	258	272
Solan	—	—	3	—	—	36
Una	596	2	—	14,794	400	—
Total H. P.	3,394	37	75	—	1,310	2,256

District	Others					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
Current		Normal	Current		Normal	
1	122	123	124	125	126	127
Bilaspur	11,182	43	53	2,142	11	13
Chamba	20,186	108	509	4,301	21	11
Hamirpur	—	71	41	—	—	16
Kangra	—	4,595	2,342	—	1,090	1,169
Kinnaur	—	25	32	—	3	1
Kullu	—	616	290	—	261	89
Lahaul & Spiti	1,432	6	3	2,438	8	4
Mandi	—	4,886	4,777	—	12	71
Shimla	—	—	—	—	—	—
Sirmaur	—	47	58	—	1	5
Solan	—	145	300	—	414	304
Una	12,689	104	601	3,010	8	22
Total H. P.	—	10,646	9,006	—	1,829	1,705

Fruits								
Almonds					Chilgoza			
Bearing trees with No. & Area			Non-bearing trees with No. & Area			Bearing-trees with No. & Area		
No.	Area		No.	Area		No.	Area	
	Current	Normal		Current	Normal		Current	Normal
140	141	142	143	144	145	146	147	148
5	—	—	—	—	—	—	—	—
41	—	2	203	1	2	—	—	—
44,132	82	97	4,379	11	20	84,622	313	332
—	216	143	—	10	5	—	—	—
—	—	—	1	150	—	—	—	—
—	—	7	—	—	—	—	—	—
—	272	313	—	107	100	—	—	—
—	20	21	—	—	2	—	—	—
—	—	—	—	—	—	—	—	—
—	590	583	—	279	129	—	313	332

Other Dry Fruits								
Non-Bearing trees with No. & Area			Bearing trees with No. & Area			Non-Bearing trees with No. & Area		
No.	Area		No.	Area		No.	Area	
	Current	Normal		Current	Normal		Current	Normal
155	156	157	158	159	160	161	162	163
—	—	—	—	—	—	—	—	—
—	—	1	533	7	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	22	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	23	—	7	—	—	—	—

Area under Food Crops in each District

District	Total Dry Fruits					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	164	165	166	167	168	169
Bilaspur	—	—	5	—	3	6
Chamba	1,702	10	—	—	—	—
Hamirpur	—	—	—	—	—	1
Kangra	—	4	4	—	11	44
Kinnaur	1,29,934	401	566	4,379	10	5
Kullu	—	261	153	—	4	—
Lahaul & Spiti	—	—	—	348	—	—
Mandi	—	—	7	—	—	—
Shimla	—	272	313	—	107	100
Sirmaur	—	26	32	—	3	6
Solan	—	—	2	—	—	—
Una	—	—	—	—	—	—
Total H. P.	—	974	1,082	—	138	162

District	Vegetables					
	Potatoes					
	Kharif		Rabi		Peas	
	Current	Normal	Current	Normal	Current	Normal
1	176	177	178	179	180	181
Bilaspur	—	—	13	12	—	21
Chamba	626	568	54	30	238	37
Hamirpur	8	—	—	12	—	—
Kangra	189	189	1,395	1,280	—	6
Kinnaur	239	224	—	—	—	325
Kullu	849	711	500	441	188	198
Lahaul & Spiti	813	870	—	—	—	—
Mandi	2,197	1,996	201	204	2,218	2,414
Shimla	3,994	4,714	1,172	851	4,284	4,429
Sirmaur	1,090	1,097	419	394	—	—
Solan	10	13	81	111	—	1
Una	319	138	463	335	—	22
Total H. P.	10,326	10,520	4,306	3,670	6,928	7,453

No. IV-A—contd.

of Himachal Pradesh in 2002-2003

(In hectares)

Total Fruits (Fresh and Dry)					
Bearing trees with No. & Area			Non-bearing trees with No. & Area		
No.	Area		No.	Area	
	Current	Normal		Current	Normal
170	171	172	173	174	175
25,303	351	357	12,010	73	102
2,29,352	1,576	1,849	73,662	356	150
—	71	57	—	—	16
—	5,187	4,365	—	1,090	1,216
8,45,092	2,245	2,261	1,40,400	319	408
—	8,574	8,210	—	280	344
5,763	27	22	10,247	39	37
—	6,417	6,071	—	12	71
—	24,560	22,080	—	7,341	6,682
—	1,509	1,634	—	24	79
—	270	492	—	449	343
48,362	728	601	10,408	56	22
—	51,515	48,999	—	10,039	9,470

Sweet Potatoes									
Onion		Tomato		Lady Finger		Cabbage & Cauliflower			
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
182	183	184	185	186	187	188	189	190	191
—	13	78	47	190	174	1	3	3	5
—	—	79	56	12	11	2	4	22	9
—	—	37	33	—	—	8	11	11	6
28	17	192	220	6	9	60	79	17	17
—	4	—	—	—	1	—	—	23	43
—	—	27	37	286	220	20	7	184	204
—	—	—	1	—	—	—	—	4	11
—	35	119	93	94	100	—	20	220	164
—	63	34	49	190	225	2	9	1,851	2,024
—	—	125	119	1,297	1,150	5	4	166	239
—	—	34	38	2,890	2,418	21	13	67	75
1	—	82	160	16	14	13	10	53	68
29	132	807	853	4,981	4,322	132	160	2,621	2,865

TABLE

Area under Food Crops in each District

District	Vegetable—concl'd.					
	Turnip		Raddish		Carrot	
	Current	Normal	Current	Normal	Current	Normal
1	192	193	194	195	196	197
Bilaspur	—	—	1	12	—	—
Chamba	2	3	2	1	—	—
Hamirpur	—	1	—	2	—	—
Kangra	—	11	9	4	—	—
Kinnaur	—	1	—	—	—	—
Kullu	18	1	24	17	56	11
Lahaul & Spiti	—	2	1	1	3	2
Mandi	—	—	—	1	—	—
Shimla	4	28	11	22	9	4
Sirmaur	—	73	16	5	—	1
Solan	—	—	110	82	—	1
Una	15	6	10	5	19	5
Total H. P.	39	126	184	152	87	24

District	Condiments					
	Total fruits & Vegetables		Chillies		Ginger	
	Current	Normal	Current	Normal	Current	Normal
1	208	209	210	211	212	213
Bilaspur	768	943	15	13	84	145
Chamba	3,122	2,823	30	40	2	2
Hamirpur	252	262	2	4	8	8
Kangra	8,680	8,952	3	12	23	20
Kinnaur	2,826	3,278	—	—	—	3
Kullu	11,482	1,171	228	144	—	—
Lahaul & Spiti	888	950	—	—	—	—
Mandi	11,761	11,576	161	187	89	68
Shimla	44,440	41,961	75	185	270	212
Sirmaur	5,114	5,230	311	376	1,446	1,146
Solan	4,631	4,133	3	11	532	448
Una	1,879	1,622	9	6	1	9
Total H. P.	95,843	92,801	837	978	2,455	2,061

No. IV-A—contd.

of Himachal Pradesh in 2002-2003

(in hectares)

Brinjal		Winter		Summer		Other Vegetables		Total other Vegetables		Total Vegetables	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
198	199	200	201	202	203	204	205	206	207		
—	4	—	42	58	151	58	193	344	484		
9	1	67	63	77	41	144	104	1,190	824		
—	2	5	25	112	97	117	122	181	189		
—	99	145	169	362	271	507	440	2,403	2,371		
—	—	—	5	—	6	—	11	262	609		
21	8	58	405	397	257	455	662	2,628	2,517		
—	—	—	3	1	1	1	4	822	891		
4	3	272	107	7	297	279	404	5,332	5,434		
3	14	929	550	56	217	985	767	12,539	13,199		
3	2	458	175	2	258	460	433	3,581	3,517		
1	3	30	16	668	527	698	543	3,912	3,298		
20	18	29	37	55	181	84	218	1,115	999		
61	154	1,993	1,597	1,795	2,304	3,788	3,901	34,289	34,332		

and Spices

Zeera		Turmeric		Garlic		Coriander	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
214	215	216	217	218	219	220	221
—	—	41	21	55	40	—	—
—	—	—	1	58	66	10	12
—	—	30	29	9	9	1	1
—	—	14	8	49	41	6	2
27	13	—	—	—	1	—	—
—	—	—	—	1,333	335	17	77
—	—	—	—	—	—	—	—
1	—	8	12	403	72	27	7
—	—	8	5	89	18	84	156
—	—	16	24	1,085	283	93	107
—	—	—	1	88	19	—	1
—	—	8	5	11	13	25	1
28	13	125	106	3,180	897	263	364

TABLE

Area under Food Crops in each District

District	Others (Specify Methi)		Total Condiments and Spices	
	Current	Normal	Current	Normal
1	222	223	224	225
Bilaspur	3	2	198	221
Chamba	8	9	108	130
Hamirpur	—	2	50	53
Kangra	3	13	98	96
Kinnaur	—	—	27	17
Kullu	3	4	1,581	560
Lahaul & Spiti	—	—	—	—
Mandi	2	8	691	354
Shimla	—	—	526	576
Sirmaur	69	21	3,020	1,957
Solan	1	1	624	481
Una	1	4	55	38
Total H. P.	90	64	6,978	4,483

TABLE

Area under Non-Food Crops in each District

District	Fibres					
	Cotton				Total	
	Desi		American		Current	Normal
Current	Normal	Current	Normal	Current	Normal	
1	230	231	232	233	234	235
Bilaspur	1	4	—	—	1	4
Chamba	—	—	—	—	—	—
Hamirpur	3	2	—	—	3	2
Kangra	15	26	—	—	15	26
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	5	—	—	—	5
Solan	9	8	—	—	9	8
Una	—	3	—	—	—	3
Total H. P.	28	48	—	—	28	48

No. IV-A—Contd.

of Himachal Pradesh in 2002-2003

(in hectares)

Total Food Crops		Other Misc. Food Crops	
Current	Normal	Current	Normal
226	227	228	229
—	11	56,694	57,102
—	9	62,850	62,611
—	—	69,859	70,190
—	—	2,04,023	2,07,450
—	—	8,535	9,274
—	—	59,887	61,135
—	—	3,299	3,314
8	33	1,57,259	1,57,241
—	—	92,800	99,499
—	—	69,972	74,303
—	2	58,642	61,688
—	—	71,688	66,980
8	55	9,15,508	9,30,787

No. IV-B

of Himachal Pradesh in 2002-2003

(in hectares)

Hemp		Other fibres (Specify)				Total Fibres	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
236	237	238	239	240	241	242	243
—	—	—	2	—	—	1	6
—	—	—	—	—	—	6	2
3	—	—	—	—	—	24	55
9	2	—	27	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	1	—	—	—	6
—	—	—	—	—	—	9	8
24	23	—	7	—	—	24	33
36	25	—	37	—	—	64	110

TABLE

Area under Non-Food Crops in each District

District	Oil Edible					
	Groundnut		Sesamum		Rape (Toraya) Seeds	
	Current	Normal	Current	Normal	Current	Normal
1	244	245	246	247	248	249
Bilaspur	2	4	143	141	—	—
Chamba	—	—	49	52	—	—
Hamirpur	—	—	31	41	—	2
Kangra	—	—	3,160	3,015	204	23
Kinnaur	—	—	—	1	—	—
Kullu	6	11	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	1	12	80	67	—	1
Shimla	12	27	26	58	—	—
Sirmaur	27	41	89	140	19	21
Solan	144	126	393	358	—	—
Una	2	4	511	669	9	3
Total H.P.	194	205	4,482	4,542	232	50

District	Non-Edible							
	Linseed		Taramira		Other (Specify)		Total Non-Edible Oilseeds	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	258	259	260	261	262	263	264	265
Bilaspur	—	—	125	107	—	—	125	107
Chamba	38	47	14	—	—	—	52	47
Hamirpur	1	2	12	14	—	—	13	16
Kangra	1,256	2,131	64	108	—	—	1,320	2,239
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	315	331	17	14	—	—	332	345
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	138	175	—	—	138	175
Solan	—	—	440	487	272	154	712	641
Una	—	96	469	428	—	—	469	524
Total H.P.	1,610	2,607	1,279	1,333	272	154	3,161	4,094

No. IV-B—contd.

of Himachal Pradesh in 2002-2003

(in hectares)

Seeds							
Mustard		Soyabean		Other (Specify)		Total Edible Oilseeds	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
250	251	252	253	254	255	256	257
189	241	17	11	—	3	351	400
2,604	2,855	—	—	4	1	2,658	2,908
94	153	—	—	—	—	125	196
1,883	1,682	56	45	—	19	5,303	4,784
1	3	—	—	—	—	1	4
604	755	5	19	—	—	615	775
28	15	—	—	—	—	28	15
384	424	48	406	—	1	950	911
585	878	14	25	—	11	637	979
802	849	70	39	—	5	1,007	1,095
257	340	49	21	—	103	843	948
888	937	—	—	—	2	1,410	1,615
8,319	9,132	697	556	4	145	13,928	14,630

Dyes and Tanning Materials

Total Oilseeds		Acacia (Kikar)		Others (Specify)		Total	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
266	267	268	269	270	271	272	273
476	507	1	—	—	—	1	—
2,710	2,955	—	—	—	—	—	—
138	212	—	—	—	—	—	—
6,628	7,023	—	—	—	—	—	—
1	4	—	—	—	—	—	—
615	775	—	—	—	—	—	—
28	15	—	—	—	—	—	—
1,282	1,256	—	—	—	—	—	—
637	979	—	—	—	—	—	—
1,143	1,270	—	—	—	—	—	—
1,553	1,589	38	4	—	34	38	38
1,879	2,139	1	—	—	—	1	—
17,089	18,724	40	4	—	34	40	38

TABLE
Area under Non-Food Crops in each District

District	Drugs and							
	Tobacco		Tea		Bhang or Indian Hemp		Poppy (Opium)	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	274	275	276	277	278	279	280	281
Bilaspur	1	1	—	—	—	—	—	—
Chamba	31	26	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	2,321	2,616	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	4	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	1	464	398	30	39	—	—
Shimla	—	14	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
Total H.P.	32	46	2,785	3,014	30	39	—	—

District	Total fodder crops		Other Misc. Non-Food Crops (Specify)			
	Current	Normal	Current	Normal	Current	Normal
	292	293	294	295	296	297
Bilaspur	112	118	—	1	—	—
Chamba	17	17	4	—	—	—
Hamirpur	223	199	—	—	—	—
Kangra	2,970	3,750	—	3	—	—
Kinnaur	—	1	—	1	—	—
Kullu	54	50	—	—	—	—
Lahaul & Spiti	—	—	—	22	—	—
Mandi	305	803	11	65	3	—
Shimla	28	10	—	1	—	—
Sirmaur	1,338	1,887	32	30	—	—
Solan	1,442	1,423	—	—	—	—
Una	1,962	1,875	—	—	—	—
Total H.P.	9,451	10,133	47	123	3	—

(in hectares)

Narcotics		Fodder Crops							
Others (Specify)	Total	Barseem & Lucerne		Chari		Others (Specify)			
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
282	283	284	285	286	287	288	289	290	291
—	—	1	1	70	69	40	45	2	4
—	1	31	27	17	13	—	3	—	1
—	—	—	—	165	165	47	25	11	9
—	21	2,321	2,637	2,008	2,361	755	1,146	207	243
56	76	56	76	—	1	—	—	—	—
—	1	—	5	7	8	—	2	47	40
86	76	86	76	—	—	—	—	—	—
—	104	494	542	666	689	96	78	43	36
14	2	14	16	19	7	9	2	—	1
—	—	—	—	509	556	1,219	1,156	110	175
—	—	—	—	177	181	1,239	1,213	26	29
—	—	—	—	589	621	611	1,010	762	244
156	281	3,003	3,380	4,227	4,671	4,016	4,680	1,208	782

Total Non-Food Crops

Total Food & Non-food Crops

Current	Normal	Current	Normal
298	299	300	301
591	633	57,285	57,735
2,762	2,999	65,612	65,610
367	413	70,226	70,603
11,938	13,468	2,15,961	2,20,918
56	82	8,592	9,356
669	830	60,556	61,965
114	113	3,413	3,427
2,595	2,676	1,59,854	1,59,877
679	1,006	93,479	1,00,505
3,015	3,193	72,987	77,496
3,044	3,058	61,686	64,746
3,866	4,047	75,554	71,027
29,697	32,518	9,45,205	9,63,265

TABLE

Details of Cropped area in each

District	Gross Cropped Area						Grand Total
	Kharif		Rabi*		Total		
	Food Crops	Non-Food Crops	Food Crops	Non-Food Crops	Food Crops	Non-Food Crops	
1	2	3	4	5	6	7	8
Bilaspur	28,981	206	27,713	385	56,694	591	57,285
Chamba	39,330	85	23,520	2,677	62,850	2,762	65,612
Hamirpur	35,246	84	34,613	283	69,859	367	70,226
Kangra	1,05,038	6,374	98,985	5,564	2,04,023	11,938	2,15,961
Kinnaur	6,419	4	2,117	52	8,536	56	8,592
Kullu	32,353	11	27,534	—	59,887	669	60,556
Lahaul & Spiti	1,069	86	2,230	28	3,299	114	3,413
Mandi	81,469	1,180	75,790	1,415	1,57,259	2,595	1,59,854
Shimla	65,437	660	27,363	19	92,800	679	93,479
Sirmaur	38,359	1,436	31,613	1,579	69,972	3,015	72,987
Solan	33,613	1,849	25,029	1,195	58,642	3,044	61,686
Una	33,661	1,857	38,027	2,009	71,688	3,866	75,554
Total H.P.	5,00,975	13,832	4,14,534	15,864	9,15,509	29,696	9,45,205

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

TABLE

FOOD CROPS

Standard Yield in Kg. per Hect. of the Principal Crops

District	CERIALS					
	Rice			Maize		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	2	3	4	5	6	7
Bilaspur	—	—	442.442	—	—	1449.862
Chamba	—	—	1780.448	—	—	1962.983
Hamirpur	—	—	647.897	—	—	1530.542
Kangra	—	—	921.245	—	—	1159.416
Kinnaur	—	—	1028.583	—	—	1613.374
Kullu	—	—	1615.168	—	—	964.280
Lahaul & Spiti	—	—	—	—	—	1613.374
Mandi	—	—	1072.541	—	—	2077.871
Shimla	—	—	853.682	—	—	1502.357
Sirmaur	—	—	1001.597	—	—	2327.009
Solan	—	—	1592.283	—	—	1624.775
Una	—	—	1532.273	—	—	1484.716
State Average	—	—	1028.583	—	—	1613.374

No. IV-C

District of Himachal Pradesh in 2002-03

Area Cropped more than once	(in hectares)										
	Area Under Mixed Sowing					Crop at the rate of mixture					
	Net Cropped Area	Cropped area of Forecast Crops		Wheat Barley (Cropmix)		Wheat Barley (Cropmix)		Gross area under (Unad- justed) mixture	Net area under (Unad- justed) mixture	Total Unad- justed area under mixture	
		Matured	Failed	Gross Area (unad- justed)	Wheat	Barley	Gross area under (Unad- justed) mixture				Net area under (Unad- justed) mixture
27,376	29,909	24,214	33,074	—	—	—	—	—	—	—	
23,835	41,777	23,690	41,922	—	—	—	—	—	—	—	
35,124	35,105	44,467	25,759	—	—	—	—	—	—	—	
99,300	1,16,661	1,52,833	63,128	—	—	—	—	—	—	—	
1,324	7,268	8,592	—	—	—	—	—	—	—	—	
23,849	36,707	18,306	42,250	—	—	—	—	—	—	—	
87	3,326	3,413	—	—	—	—	—	—	—	—	
78,483	86,371	1,05,748	54,106	—	—	—	—	—	—	—	
26,178	67,301	49,679	43,800	—	—	—	—	—	—	—	
33,192	39,795	26,929	46,058	—	—	—	—	—	—	—	
22,422	39,264	20,843	40,843	—	—	—	—	—	—	—	
34,463	41,091	39,850	35,704	—	—	—	—	—	—	—	
4,00,630	5,44,575	5,18,564	4,26,641	—	—	—	—	—	—	—	

No. V-A

in each District of Himachal Pradesh in 2002-2003

(Kgs.)					
Jowar or Cholum			Bajra or Cumbu		
Standard	Condition factor	Current	Standard	Condition factor	Current
8	9	10	11	12	13
—	—	—	—	—	—
—	—	—	553	85%	470
—	—	—	553	89%	492
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	553	100%	553
—	—	—	553	91%	503
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	504

TABLE

Standard Yield per Hect. in 2002-03 of the Principal

District	CEREALS—contd.					
	Wheat			Barley		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	14	15	16	17	18	19
Bilaspur	—	—	1276.422	—	—	1297.466
Chamba	—	—	1167.021	—	—	952.994
Hamirpur	—	—	1168.112	—	—	1297.466
Kangra	—	—	1334.052	—	—	1170.262
Kinnaur	—	—	1688.537	—	—	1585.119
Kullu	—	—	1523.057	—	—	1320.419
Lahaul & Spiti	—	—	1378.697	—	—	1297.466
Mandi	—	—	1400.789	—	—	2098.345
Shimla	—	—	1069.413	—	—	841.094
Sirmaur	—	—	1346.037	—	—	1589.469
Solan	—	—	1435.621	—	—	831.443
Una	—	—	1874.532	—	—	—
State Average	—	—	1378.697	—	—	1297.466

District	CEREALS—contd.					
	Kodo or Varagu			Common Millets		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	26	27	28	29	30	31
Bilaspur	—	—	—	253	—	—
Chamba	664	100%	664	253	—	—
Hamirpur	253	100%	253	253	—	—
Kangra	253	50%	127	253	—	—
Kinnaur	1,103	100%	1,103	411	100%	411
Kullu	253	23%	58	253	6%	15
Lahaul & Spiti	—	—	—	411	100%	411
Mandi	872	60%	523	253	60%	152
Shimla	1,664	55%	915	1,016	55%	559
Sirmaur	772	53%	409	1,016	52%	528
Solan	1,408	—	—	1,016	—	—
Una	—	—	—	—	—	—
State Average	—	—	506	—	—	346

No. IX

and type of holdings for all social groups

Instructions and Explanations for filling up the Tables

SUMMARY TABLES

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

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

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

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

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

1. Rainfall (Table I)

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

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

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

(Area in hectares)

Sub-Total		Institutional holdings		Total holdings	
Number	Area	Number	Area	Number	Area
7	8	9	10	11	12
4,04,272	1,00,632	281	62	4,04,553	1,00,694
2,10,270	1,50,997	119	81	2,10,389	1,51,078
6,14,542	2,51,629	400	143	6,14,942	2,51,772
1,74,122	7,44,473	108	156	1,74,230	7,44,629
1,74,122	7,44,473	108	156	1,74,230	2,44,629
63,053	1,51,738	66	163	63,119	1,51,901
26,723	91,307	31	108	26,754	91,415
89,796	2,43,045	97	271	89,893	2,43,316
13,575	60,585	29	129	13,604	60,714
12,816	77,105	47	294	12,863	77,399
4,405	37,531	27	235	4,432	37,766
30,796	1,75,221	103	658	30,899	1,75,879
3,401	43,535	38	487	3,439	44,022
503	15,792	28	3,346	531	19,138
3,904	59,327	66	3,833	3,970	63,160
9,13,140	9,73,695	774	5,061	9,13,914	9,78,756

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

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

2. Classification of Area (Table II)

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

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

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

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

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

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

Government—Masonry and non-masonry

Private—Masonry and non-masonry.

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

(iii) total; and

(e) The number of oil-engines.

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

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

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

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

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

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

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

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

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

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

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

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

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

Crops in each District of Himachal Pradesh

(Kgs.)

Cotton								
Desi			American			San-Hemp		
Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
185	186	187	188	189	190	191	192	193
568	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
568	—	—	—	—	—	—	—	—
568	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
568	—	—	—	—	—	—	—	—
568	—	—	—	—	—	—	—	—
568	—	—	—	—	—	—	—	—

Total out-turn of Principal Crops of

District	Food					
	Rice		Maize		Jowar or Cholum	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	675	2,895	38,768	53,718	—	—
Chamba	4,996	3,971	56,269	70,759	—	—
Hamirpur	2,998	3,743	46,147	59,151	—	—
Kangra	34,219	54,463	68,040	98,229	—	18
Kinnaur	32	39	545	854	—	—
Kullu	2,776	2,390	16,260	45,407	—	—
Lahaul & Spiti	—	—	79	83	—	—
Mandi	22,461	30,952	1,01,153	1,36,462	—	—
Shimla	2,636	3,232	20,495	37,099	—	—
Sirmaur	5,278	9,157	53,665	70,864	—	—
Solan	5,377	6,775	38,634	54,814	—	—
Una	4,205	6,406	43,278	55,806	—	—
Total H. P. ...	85,653	1,24,023	4,83,333	6,83,246	—	18

District	Kodo or Varagu		Little & Common Millets		Other Common Millets (Specify)			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	18	19	20	21	22	23	24	25
Bilaspur	—	—	—	—	—	—	—	—
Chamba	24	180	227	252	—	—	—	—
Hamirpur	1	1	—	1	—	—	—	—
Kangra	10	83	37	37	—	—	—	—
Kinnaur	135	310	847	697	—	—	—	—
Kullu	31	167	12	166	—	—	—	—
Lahaul & Spiti	—	39	21	30	—	—	—	—
Mandi	590	396	84	110	—	—	—	—
Shimla	1,125	2,963	2,379	2,887	—	—	—	—
Sirmaur	15	352	226	265	—	—	—	—
Solan	—	2	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
Total H.P. ...	1,931	4,493	3,833	4,445	—	—	—	—

No. V-B

Uttarakhand Pradesh in 2002-2003

(In Metric Tonnes)

Crops		Wheat		Barley		Ragi or Marua		Italian Millets	
Bajra or Cumbu		Current	Normal	Current	Normal	Current	Normal	Current	Normal
8	9	10	11	12	13	14	15	16	17
—	1	34,041	40,125	256	311	—	—	—	—
—	1	22,906	26,693	3,259	4,906	—	—	—	—
—	1	40,183	41,377	125	157	—	—	—	—
49	108	1,22,476	1,21,541	3,013	2,716	—	—	—	—
—	—	586	781	1,883	2,278	—	—	—	—
—	—	30,976	40,212	4,578	5,134	—	—	—	—
—	1	163	222	743	690	—	—	—	—
—	7	92,975	94,231	8,056	5,700	—	—	—	—
—	7	17,198	21,601	3,763	4,923	—	—	—	—
2	4	34,022	41,280	3,781	2,633	—	—	—	—
6	3	31,083	34,007	1,157	2,027	—	—	—	—
—	—	68,949	56,782	—	2	—	—	—	—
57	133	4,95,557	3,18,552	30,615	24,477	—	—	—	—

Total Cereals		Gram		Peas		Green Gram or Moong		Red Gram or Tur or Arhar	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
26	27	28	29	30	31	32	33	34	35
73,740	97,050	123	168	1	10	—	1	4	1
87,681	1,06,762	—	1	13	—	—	—	—	—
89,454	1,04,431	3	6	—	176	48	21	—	—
2,27,844	2,77,195	360	305	37	28	30	28	—	2
4,028	4,959	—	—	306	107	—	—	—	—
54,633	93,476	14	13	189	257	28	5	—	105
1,006	1,065	—	—	8,117	7,660	—	—	—	4
2,25,319	2,67,858	36	29	307	26	3	6	—	1
47,598	72,712	32	42	574	—	—	1	11	11
96,993	1,24,555	137	224	1,708	2,063	—	13	—	1
76,251	97,628	204	496	805	1,165	—	1	2	8
1,16,432	1,18,996	103	211	—	2	3	10	35	—
11,00,979	13,66,687	1,012	1,495	12,057	11,494	112	86	52	133

TABLE

Total Outturn of Principal Crops

District	Food Crops			
	Black Gram (Urd) or Mash		Horse Gram (Kulth)	
	Current	Normal	Current	Normal
1	36	37	38	39
Bilaspur	52	71	9	19
Chamba	610	810	92	93
Hamirpur	29	58	11	38
Kangra	817	1,422	93	236
Kinnaur	12	17	—	—
Kullu	52	256	4	14
Lahaul & Spiti	—	—	16	2
Mandi	1,191	1,163	277	356
Shimla	131	740	32	235
Sirmaur	55	524	15	134
Solan	88	198	44	104
Una	28	199	6	17
Total H. P.	3,065	5,458	599	1,248

District	Total Pulses							
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	46	47	48	49	50	51	52	53
Bilaspur	—	—	—	—	—	—	215	291
Chamba	—	—	—	—	—	—	910	1,332
Hamirpur	—	—	—	—	—	—	45	109
Kangra	—	—	—	—	—	—	1,406	2,141
Kinnaur	—	—	—	—	—	—	1,361	1,524
Kullu	—	—	—	—	—	—	507	927
Lahaul & Spiti	—	—	—	—	—	—	8,149	7,674
Mandi	—	—	—	—	—	—	2,079	2,099
Shimla	—	—	—	—	—	—	1,135	1,516
Sirmaur	—	—	—	—	—	—	2,045	3,304
Solan	—	—	—	—	—	—	1,155	2,023
Una	—	—	—	—	—	—	195	461
Total H. P.	—	—	—	—	—	—	19,206	23,361

No. V-B—contd.

Himachal Pradesh in 2002-03

(In Metric Tones)

Food Crops					
Masur		Other Pulses (Specify)			
Current	Normal	Current	Normal	Current	Normal
40	41	42	43	44	45
5	3	—	—	21	18
3	12	—	—	144	219
2	4	—	—	—	3
29	40	—	—	40	80
1	4	—	—	1,042	1,396
15	16	—	—	205	261
—	—	—	—	16	8
41	50	—	—	224	468
120	29	—	—	235	518
120	178	—	—	14	67
11	39	—	—	1	12
12	19	—	—	8	3
359	394	—	—	1,950	3,053

Fruits

Total Food Grains	Apple		Mango		Kinnow and Orange		Peaches		
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
54	55	56	57	58	59	60	61	62	63
73,955	97,341	—	—	—	—	—	—	—	—
88,591	1,08,094	—	—	—	—	—	—	—	—
89,499	1,04,540	—	—	—	—	—	—	—	—
2,29,250	2,79,336	—	—	—	—	—	—	—	—
5,389	6,483	—	—	—	—	—	—	—	—
55,140	94,403	—	—	—	—	—	—	—	—
9,155	8,739	—	—	—	—	—	—	—	—
2,27,398	2,69,957	—	—	—	—	—	—	—	—
48,733	74,288	—	—	—	—	—	—	—	—
99,042	1,27,759	—	—	—	—	—	—	—	—
77,406	99,651	—	—	—	—	—	—	—	—
1,16,627	1,19,457	—	—	—	—	—	—	—	—
11,20,185	13,90,048	—	—	—	—	—	—	—	—

TABLE

Total Out-turn of Principal Crops of

District	Fruits							
	Pears		Lichi		Plum		Lemon	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	64	65	66	67	68	69	70	71
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
Total H. P.	—	—	—	—	—	—	—	—

District	Rabi Potatoes		Total Potatoes		Tomatoes		Cabbage and Cauliflower	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	82	83	84	85	86	87	88	89
Bilaspur	130	140	130	140	—	—	—	—
Chamba	522	317	6,577	6,806	—	—	—	—
Hamirpur	80	124	80	124	—	—	—	—
Kangra	13,494	10,873	15,322	12,459	—	—	—	—
Kinnaur	—	—	1,579	1,584	—	—	—	—
Kullu	4,123	4,343	11,124	11,106	—	—	—	—
Lahaul & Spiti	—	—	11,136	18,566	—	—	—	—
Mandi	2,824	2,226	33,692	23,369	—	—	—	—
Shimla	7,752	8,628	34,168	54,178	—	—	—	—
Sirmaur	5,702	4,298	20,537	16,646	—	—	—	—
Solan	808	1,217	908	1,362	—	—	—	—
Una	4,619	3,680	7,801	5,330	—	—	—	—
Total H. P.	40,054	35,846	1,43,054	1,51,670	—	—	—	—

Vegetables									
Chilgoja		Walnut		Grapes		Almond		Kharif Potatoes	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
72	73	74	75	76	77	78	79	80	81
—	—	—	—	—	—	—	—	6,055	6,489
—	—	—	—	—	—	—	—	1,828	4,586
—	—	—	—	—	—	—	—	1,579	1,584
—	—	—	—	—	—	—	—	7,001	6,763
—	—	—	—	—	—	—	—	11,136	18,566
—	—	—	—	—	—	—	—	30,868	21,143
—	—	—	—	—	—	—	—	26,416	46,690
—	—	—	—	—	—	—	—	14,835	12,348
—	—	—	—	—	—	—	—	100	145
—	—	—	—	—	—	—	—	3,182	1,650
								1,03,000	115,824

Condiments and									
Brinjal		Lady Finger		Ginger		Turmeric		Cardamom	
Cur-	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
90	91	92	93	94	95	96	97	98	99
—	—	—	—	486	733	28	13	—	—
—	—	—	—	14	18	—	—	—	—
—	—	—	—	56	35	21	19	—	—
—	—	—	—	160	103	4	6	—	—
—	—	—	—	—	3	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	618	368	3	7	—	—
—	—	—	—	1,267	1,249	2	3	—	—
—	—	—	—	10,067	6,804	4	15	—	—
—	—	—	—	4,876	2,669	—	1	—	—
—	—	—	—	7	16	3	3	—	—
				17,051	11,988	65	66	—	—

Total Output of Principal Crops of

District	Condiments &									
	Chillies		Zeera		Garlic		Coriander		Other	
	Cur-	Normal	Cur-	Normal	Cur-	Normal	Cur-	Normal	Cur-	Normal
1	100	101	102	103	104	105	106	107	108	109
Bilaspur	3	2	—	—	49	46	—	—	—	—
Chamba	1	8	—	—	20	36	3	4	—	—
Hamirpur	—	1	—	—	12	11	—	1	—	—
Kangra	—	2	—	—	32	51	—	1	—	—
Kinnaur	—	—	3	—	—	1	2	—	—	—
Kullu	15	28	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	702	328	5	23	—	—
Mandi	37	35	—	—	133	31	9	3	—	—
Shimla	13	38	—	—	35	20	27	67	—	—
Sirmaur	12	96	—	—	1,341	380	30	32	—	—
Solan	3	2	—	—	54	24	—	—	—	—
Una	3	1	—	—	1	14	8	1	—	—
Total H. P.	87	213	3	—	2,379	941	84	134	—	—

District	Non-											
	Total Food Crops		Groundnut		Sesamum		Rapeseed					
	Cur-	Normal	Cur-	Normal	Cur-	Normal	Cur-	Normal	Cur-	Normal	Cur-	Normal
118	119	120	121	122	123	124	125	126	127	128	129	130
Bilaspur	74,747	98,639	1	2	66	41	—	—	—	—	—	—
Chamba	95,206	1,14,966	—	—	7	16	—	—	—	—	—	—
Hamirpur	89,725	1,04,802	—	—	16	21	—	—	—	—	—	—
Kangra	2,45,490	2,92,812	—	—	1,584	1,753	170	—	—	—	—	—
Kinnaur	6,973	8,071	—	—	—	—	—	—	—	—	—	—
Kullu	66,986	1,05,888	1	4	—	—	—	—	—	—	—	—
Lahaul & Spiti	20,291	27,305	—	—	—	—	—	—	—	—	—	—
Mandi	2,61,891	2,93,797	—	5	15	29	—	—	—	—	—	—
Shimla	84,245	1,29,843	3	2	5	15	—	—	—	—	—	—
Sirmaur	1,32,060	1,53,156	3	14	2	60	—	—	—	—	—	—
Solan	82,921	1,04,020	78	158	34	101	—	—	—	—	—	—
Una	1,27,022	1,32,812	2	4	161	188	—	—	—	—	—	—
Total H. P.	12,87,597	15,68,111	88	189	1,890	2,204	225	—	—	—	—	—

No. V-B—contd.

Himachal Pradesh in 2002-03

(In Metric Tonnes)

Spices		Total Codiments & Spices				Sugarcane	
(Specify)		Current	Normal	Current	Normal	Current	Normal
110	111	112	113	114	115	116	117
—	—	—	—	566	794	96	364
—	—	—	—	38	66	—	—
—	—	—	—	89	67	57	71
—	—	—	—	196	163	722	854
—	—	—	—	5	4	—	—
—	—	—	—	722	379	—	—
—	—	—	—	—	—	—	—
—	—	—	—	800	444	1	27
—	—	—	—	1,344	1,377	—	—
—	—	—	—	11,454	7,327	1,027	3,424
—	—	—	—	4,433	2,686	174	321
—	—	—	—	22	35	2,572	7,990
—	—	—	—	19,669	13,342	4,649	13,051

Food Crops									
Mustard		Linseed		Taramira		Soyabean		Sunflower	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
126	127	128	129	130	131	132	133	134	135
104	154	—	—	61	55	28	19	—	—
740	742	7	11	—	—	—	—	—	—
78	104	—	1	7	30	—	—	—	—
1,569	1,244	324	552	19	60	92	46	—	9
—	5	—	—	—	2	—	—	—	—
237	484	—	—	—	1	8	12	—	—
1	21	—	—	—	—	—	—	—	—
80	77	33	28	3	1	793	535	—	—
280	380	—	—	—	—	20	119	—	—
140	407	—	—	50	99	103	18	—	—
123	138	—	—	86	437	80	33	—	60
691	736	—	55	105	131	—	1	—	1
4,043	4,492	364	647	331	816	1,124	782	—	70

TABLE

Total Out-turn of Principal Crops of

District	Non-					
	Acacia		Tobacco		Tea	
	Current	Normal	Current	Normal	Current	Normal
1	136	137	138	139	140	141
Bilaspur	—	—	2	1	—	—
Chamba	—	—	36	18	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	4	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	3	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	—	—	1	—	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
Total H. P.	—	—	38	27	—	—

Cotton (in Bales of 170 kgm.)

District	Desi				American	
	Current		Normal		Current	Normal
	1	150	151	152	153	154
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	2	—	—	—	—	—
Kinnaur	9	2	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul and Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—
Solan	4	1	—	—	—	—
Una	1	—	—	—	—	—
Average H.P.	16	3	—	—	—	—

Food Crops

Indian Hemp		Opium		San Hemp		Barseem	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
142	143	144	145	146	147	148	149
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
2	1	—	—	—	—	—	—
5	1	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
12	4	—	—	—	—	—	—
19	6	—	—	—	—	—	—

Total Non-Food Crops

Total Food and Non-Food crops

Current Normal Current Normal

154 155 156 157

262	272	75,009	98,911
790	787	95,996	1,05,753
105	157	89,830	1,04,959
3,772	3,667	2,49,262	2,96,479
—	7	6,973	8,078
246	505	67,232	1,06,393
1	21	20,292	27,326
924	678	2,62,815	2,94,475
308	516	84,553	1,30,359
351	599	1,32,411	1,55,755
405	928	83,326	1,04,948
974	1,099	1,27,996	1,33,911
8,138	9,236	12,95,695	15,77,347

District or Centre	Rice		Wheat		Jowar		Bajra	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	2	3	4	5	6	7	8	9
Bilaspur	625	575	662	625	—	—	—	—
Chamba	550	1,025	715	712	—	—	—	—
Hamirpur	617	790	675	610	—	471	700	—
Kangra	580	564	636	607	—	467	600	—
Kinnaur	—	800	1,007	810	—	—	—	—
Kullu	800	1,200	785	800	—	—	—	—
Lahaul & Spiti	—	—	967	940	—	—	—	1,300
Mandi	816	693	738	750	—	—	—	—
Shimla	950	900	762	713	—	—	700	—
Sirmaur	639	570	668	668	—	—	500	—
Solan	714	664	655	631	—	—	—	—
Una	539	527	637	635	—	—	—	—
Total	683	755	742	710	—	469	625	1,300

Mash Kulth Masur Peas

District or Centre Current year Last year Current year Last year Current year Last year Current year Last year

1 18 19 20 21 22 23 24 25

Bilaspur	2,400	2,750	3,250	2,600	2,533	2,533	2,133	2,133
Chamba	3,450	3,362	2,375	2,525	—	2,412	1,600	1,650
Hamirpur	2,092	2,571	1,608	2,018	2,300	2,369	1,733	1,735
Kangra	1,927	2,572	1,669	1,913	2,375	2,322	—	—
Kinnaur	—	2,800	—	—	—	—	1,600	1,713
Kullu	4,260	4,200	2,238	2,200	2,930	2,300	—	—
Lahaul & Spiti	—	—	—	—	—	—	1,600	—
Mandi	2,748	2,697	2,367	1,825	2,405	2,646	1,725	1,503
Shimla	3,050	3,322	2,610	2,400	2,378	2,073	1,550	—
Sirmaur	2,250	2,450	2,300	2,170	2,088	2,175	1,975	1,540
Solan	2,300	2,721	2,400	2,540	2,267	2,214	2,325	1,933
Una	2,430	2,507	2,125	2,000	2,300	2,433	1,550	2,250
Total	2,690	2,905	2,295	2,219	2,395	2,348	1,780	1,813

Principal Crops at certain Centres in Himachal Pradesh

(In Rs. per Qtl.)

Barley		Maize		Moong		Arhar	
Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
10	11	12	13	14	15	16	17
950	700	562	462	2,600	2,900	1,500	1,500
651	567	528	485	2,530	3,000	—	—
800	702	560	—	2,250	2,655	—	—
719	671	507	—	2,286	3,244	3,300	—
833	630	870	716	—	—	—	—
700	800	620	600	2,900	3,000	—	2,800
1,250	1,217	800	750	—	—	—	—
664	578	502	489	2,400	2,483	—	—
573	656	596	584	—	—	—	—
562	542	578	520	—	—	2,250	3,200
654	643	557	500	3,000	3,000	2,117	2,100
—	—	515	485	—	2,561	—	—
760	700	600	—	2,565	—	2,292	2,400

Gram		Ginger		Pepper		Chilies		Garlic	
Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
26	27	28	29	30	31	32	33	34	35
2,050	1,975	1,600	1,100	—	—	5,500	5,000	2,500	1,800
—	2,300	3,500	3,000	—	—	8,000	—	2,675	2,710
1,910	—	2,000	1,505	—	—	6,250	6,670	2,100	2,718
1,915	2,091	—	1,722	—	—	—	—	1,200	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	7,367	7,300	2,000	2,000
2,058	2,083	1,900	1,700	—	—	5,824	4,687	2,185	1,975
2,209	2,003	1,308	1,000	—	—	5,710	—	—	—
2,056	1,650	1,900	1,570	—	—	4,688	4,180	1,760	2,500
1,929	2,036	1,667	1,650	—	—	5,433	6,415	2,187	3,250
2,150	2,025	—	—	—	—	5,375	5,750	2,600	—
2,035	2,020	2,125	1,656	—	—	6,016	5,715	2,135	2,422

Farm Harvest Prices during 2002-2003 of

District or Centre	Coriander		Turmeric		Zeera		Apple		Mango	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	36	37	38	39	40	41	42	43	44	45
Bilaspur	—	—	2,933	1,400	—	—	—	—	—	—
Chamba	—	6,500	—	—	—	—	1,833	1,667	—	2,000
Hamirpur	2,500	4,000	4,500	3,878	—	—	—	—	—	—
Kangra	2,500	—	—	3,833	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	4,000	6,500	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—	—
Mandi	3,000	3,633	3,940	3,550	—	—	—	—	—	—
Shimla	2,500	—	—	—	—	—	—	—	—	—
Sirmaur	2,500	2,533	3,075	1,650	—	—	—	—	—	—
Solan	—	2,500	4,000	—	—	—	—	—	—	—
Una	2,200	—	4,050	4,000	—	—	—	—	—	—
Total	2,743	4,277	3,750	2,719	—	—	1,833	1,667	—	2,000

District or Centre	Lemon		Almonds		Chilgoza		Walnut		Potato	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	56	57	58	59	60	61	62	63	64	65
Bilaspur	—	—	—	—	—	—	—	—	466	500
Chamba	—	—	—	—	—	—	—	—	550	740
Hamirpur	—	—	—	—	—	—	—	—	1,000	1,000
Kangra	—	—	—	—	—	—	—	—	687	762
Kinnaur	—	—	—	—	—	—	—	—	825	—
Kullu	—	—	—	—	—	—	—	—	700	700
Lahaul & Spiti	—	—	—	—	—	—	—	—	667	833
Mandi	—	—	—	—	—	—	—	—	544	570
Shimla	—	—	—	—	—	—	—	—	700	738
Sirmaur	—	—	—	—	—	—	—	—	592	470
Solan	—	—	—	—	—	—	—	—	725	613
Una	—	—	—	—	—	—	—	—	505	570
Total	—	—	—	—	—	—	—	—	663	681

Principal Crops of certain Centres in Himachal Pradesh

(In Rs./ Qtl.)

Rape		Mustard		Sesamum	
Current year	Last year	Current year	Last year	Current year	Last year
82	83	84	85	86	87
—	—	1,233	1,266	3,000	3,066
—	2,200	2,400	2,880	4,500	4,500
—	—	2,070	2,155	4,350	2,900
—	—	2,400	1,842	2,731	2,928
—	—	—	—	—	—
—	—	2,220	2,200	—	—
—	—	1,733	1,733	—	—
—	—	2,193	1,859	4,308	3,721
—	—	2,657	2,404	—	—
2,300	—	2,125	1,687	1,920	2,675
2,000	—	2,952	2,000	2,750	—
—	—	1,973	1,739	3,325	3,900
2,150	2,200	2,105	1,808	3,360	3,384

Cotton		Tea		Tobacco	
Current year	Last year	Current year	Last year	Current year	Last year
92	93	94	95	96	97
—	—	—	—	—	—
—	—	—	—	1,200	1,200
—	5,000	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	1,100
—	—	—	—	—	1,380
2,000	—	—	—	—	—
3,000	2,500	—	—	—	—
3,933	3,000	—	—	—	—
2,978	3,500	—	—	1,200	1,227

Wages of Agriculture Labour in each

District	July 2002						August 2002		
	Normal No. of Working hrs.								
	Skilled labour						Skilled labour		
	Car-penters	Black-smiths	Cobblers	Field labour	Other Agricultural labour	Herdsmen	Car-penters	Black-smiths	Cobblers
1	2	3	4	5	6	7	8	9	10
Bilaspur	120.00	118.00	123.00	120.00	64.00	70.00	120.00	118.00	123.00
Chamba	98.00	100.00	—	68.00	64.00	64.00	98.00	100.00	—
Hamirpur	150.00	150.00	—	80.00	80.00	80.00	150.00	150.00	—
Kangra	150.00	150.00	150.00	94.00	72.00	57.00	150.00	150.00	150.00
Kinnaur	160.00	160.00	—	210.00	90.00	80.00	160.00	160.00	—
Kullu	133.00	101.00	101.00	65.00	60.00	59.00	133.00	101.00	110.00
Lahaul & Spiti	165.00	125.00	—	70.00	65.00	—	165.00	125.00	—
Mandi	110.00	99.00	98.00	76.00	61.00	60.00	110.00	99.00	98.00
Shimla	143.00	124.00	113.00	79.00	70.00	65.00	143.00	124.00	113.00
Sirmaur	110.00	110.00	100.00	53.00	50.00	50.00	110.00	110.00	100.00
Solan	87.00	90.00	83.00	65.00	70.00	65.00	87.00	90.00	83.00
Una	140.00	140.00	140.00	80.00	80.00	80.00	140.00	140.00	140.00
State Average	130.00	122.00	114.00	93.00	69.00	66.00	130.00	122.00	114.00

District	October 2002						November 2002		
	Normal No. of working hrs.								
	Skilled labour						Skilled labour		
	Carpen- ters	Black-smiths	Cobblers	Field labour	Other Agricultural labour	Herdsmen	Carpen- ters	Black-smiths	Cobbler
20	21	22	23	24	25	26	27	28	
Bilaspur	120.00	134.00	100.00	105.00	65.00	50.00	120.00	137.00	100.00
Chamba	98.00	100.00	—	68.00	64.00	64.00	98.00	100.00	—
Hamirpur	150.00	150.00	—	80.00	80.00	80.00	150.00	150.00	—
Kangra	150.00	150.00	150.00	94.00	72.00	57.00	150.00	150.00	150.00
Kinnaur	160.00	160.00	—	210.00	90.00	80.00	160.00	160.00	—
Kullu	133.00	101.00	110.00	65.00	57.00	63.00	133.00	101.00	110.00
Lahaul & Spiti	165.00	125.00	—	70.00	65.00	—	165.00	125.00	—
Mandi	110.00	99.00	98.00	76.00	61.00	60.00	110.00	99.00	98.00
Shimla	143.00	124.00	113.00	79.00	70.00	65.00	143.00	124.00	113.00
Sirmaur	110.00	110.00	100.00	53.00	50.00	50.00	110.00	110.00	100.00
Solan	87.00	90.00	83.00	65.00	70.00	65.00	87.00	90.00	83.00
Una	140.00	140.00	140.00	80.00	80.00	80.00	140.00	140.00	140.00
State Average	130.00	124.00	112.00	87.00	69.00	65.00	130.00	124.00	112.00