

## **GOVERNMENT OF HARYANA**

# ECONOMICS OF FARMING IN HARYANA 2005-2006

Issued by:
ECONOMIC AND STATISTICAL ORGANISATION
PLANNING DEPARTMENT, HARYANA
2007



## **GOVERNMENT OF HARYANA**

# ECONOMICS OF FARMING IN HARYANA 2005-2006

Issued by:
ECONOMIC AND STATISTICAL ORGANISATION
PLANNING DEPARTMENT, HARYANA
2007

#### PREFACE

The present report relates to the annual series on 'Economics of Farming in Haryana' and it refers to the agricultural year 2005-06 (July,2005 to June,2006).

This study provides comprehensive assessment regarding the annual gross income, expenditure and net income from cultivation under irrigated and unirrigated holdings. It also highlights impact of irrigation, cropping pattern, consumption of chemical fertilizers and use of improved agricultural machinery and farm equipments on the yield of various crops and cropping intensity. It also analysis the share of bullock and manual labour as well as machinery deployed in agricultural operations.

The study has revealed that the average gross income per hectare under peasant proprietorship holdings (which form 79% of total selected holdings) was Rs. 51657 and average net income of Rs. 28248 taken together from irrigated and unirrigated holdings where as the average gross and net income from peasant proprietorship-cum-tenancy holdings was Rs. 60590 and Rs. 26264 respectively.

The report has been prepared by Sh. Sumant Aggarwal, Research Officer under the supervision of Sh. R.N. Dalal, Dy. Economic and Statistical Adviser and overall guidance of Sh. Gaja Nand Aggarwal, Joint Economic and Statistical Adviser and Sh. O.P. Dhankhar, Additional Economic and Statistical Adviser. The assistance rendered by Sarvshri Jai Singh Malik, Assistant Research Officer, Baldev Singh, J.F.I. and Smt. Rajwanti, J.F.I., for scrutiny, compilation and tabulation of data is also acknowledged. Typing support was given by Smt. Kamlesh, Stenotypist.

The valuable assistance and active co-operation rendered by the selected cultivators who maintained the record of day-to-day operations in connection with cultivation of their respective holdings is also acknowledged.

I hope this issue will prove useful for the agricultural planners and research workers in the State who are interested in the development of rural economy.

Chandigarh

Dated: 15-02-2007

R.C. Sharma Economic & Statistical Adviser to Government, Haryana.

## SOMELION GETTO CONTENTS VIANA DIMONDOS

#### Chapter - I INTRODUCTION 1.0 General 1.1 Objectives of the study 1.2 Method of data collection 1.3 Sampling design 2 1.4 Coverage 2 1.5 Agro-climatic zones Chapter - II ANALYSIS OF FARM ACCOUNT HOLDINGS 2.0 General Number and size of holdings 22 Land tenure systems Well if the budget is no utalist the one same to pool 3-4 is Classification of cultivated area of selected holdings 4-5 23 Irrigated area and extent of irrigation 24 5-6 2.5 Classification of holdings by number and extent of irrigation in different size groups 6-7 2.6 Area under different crops (irrigated and unirrigated holdings) 7-8 2.7 Intensity of cropping 9-10 2.8 Output per hectare 10-11 Capital investment in farm, agricultural machinery and equipment 12-13 2.10 Use of chemical fertilizers 13-14 2 11 Consumption of chemical fertilizers per hectare 14-15 2.12 Operated area per permanent agricultural worker under different types of holdings 15-16 2 13 Wages of agricultural worker 16-17 2.14 Operated area per plough under various types of holdings 17 2 15 Number of working days per plough under different types of holdings 18

18-19

2 16 Maintenance cost per pair of bullocks

# Chapter –III ECONOMIC ANALYSIS OF SELECTED HOLDINGS

		L vehicular	Page (s)
3.0	General	Chapter - I	20
3.1	Gross Income	INTRODUCTION	20-22
3.2	ginput-Output anal	ysis of holdings	22-24
3.3	Comparative posi	tion of net income under two types of land tenur	e 24
	systems		
			Listher of data coll
		Chapter - IV	
		SUMMARY AND CONCLUSION	25-26

## LIST OF APPENDICES

## ANALYSIS OF FARM ACCOUNT HOLDINGS

1	List of selected holdings 27-33	
H-A	Cropped area, yield and its value on irrigated land (Kharif) 34-61	
II-B	Cropped area, yield and its value on unimigated land (Kharif)	
	Cropped area, yield and its value on irrigated land (Rabi)	
III-B	Cropped area, yield and its value on unimigated land (Rabi) 87-89	
	Classificaçon of Misings by number and edent of impation in different size groups: in	
	Nine unider actioned crops (impated and unimpated holdings)	
	J-Kopens for May Jini	
51.5		
ME		
	Statistical records Edition to American	
	Otherused areas per permanant septembers worker under different types of notdings.	
11.0	Visiges of agrandment or areas of	81.9
	Courbing great and abough united standard types of coldings:	
8		
	Manufacturers court the special bullcome.	

#### General

Agriculture holds the key to prosperity. Despite the decline in the share of agriculture to about one-fourth of Gross State Domestic Product, nearly two third of our population still depends on this sector for their livelihood. In terms of area, agriculture has already reached at a saturation level and almost all the available cultivable land in the state is under plough. Thus, there is hardly any scope to bring more area under cultivation. The agriculture production can only be increased through enhanced cropping intensity, change in cropping pattern, improvement in seeds of high yielding varieties, better cultivation practices and post harvest technology etc., State Govt. is trying to re-orient agriculture in this direction through various policy measures for increasing the production. Considering the importance of this sector. Agriculture wing of this organisation has been bringing out the annual publication "Economics of Farming" which provides useful information on various aspects of farm economy and is greatly helpful in the formulation and evaluation of agricultural development programmes and policies. The study is also highly useful in a small state which is endowed with the variations of soil, topography, climate, cropping pattern and irrigation.

The present report on "Economics of Farming in Haryana" relates to the agricultural year 2005-2006 and covers 234 selected holdings from all the districts of the state...

## 1.1 Objectives of the Study

The main objective of this study is to make an in-depth study of 'Economics of Farming' in Haryana and to work out the annual investment and net return per hectare under different types and size of holdings. In addition, this study also highlights the following aspects:

- (i) Input-output analysis of various crops.
- (ii) Income, expenditure and net return per hectare under the prevalent forms of cultivation i.e. peasant proprietorship and peasant proprietorship-cum-tenancy.
- (iii) Employment and utilisation of farm capital, manual labour and bullocks labour.

## 1.2 Method of Data Collection

The study is based on the data collected from the selected cultivators through District Statistical Agencies. Various farm operations were recorded by the selected cultivators in the prescribed registers. To ensure accuracy of data, the record maintained by the farmers regarding this study was supervised and checked both by the staff of Headquarter and the District Statistical Agencies. Each selected cultivator was paid an honorarium of Rs. 225/-per annum for maintaining farm accounts register during the year 2005-06.

#### 1.3 Sampling Design

Multistage sampling design was adopted for conducting the annual field survey. The village was taken as a primary unit and the particular holding was ultimate unit of survey. The farm holdings in the villages have been selected purposively depending on the co-operation, willingness and capability of the cultivators in maintaining the day-to-day record of farm operations. As such, the results and conclusions arrived at in this report are based on the study of sample holdings and, therefore, cannot necessarily be taken to reflect the situation prevailing in the state as a whole.

#### 1.4 Coverage

The study is comprehensive in nature and gives detailed account of 234 agricultural holdings. Out of these holdings, 206 holdings were irrigated, 8 unirrigated and the remaining 20 agricultural holdings were partly irrigated. Various characteristics of farm holdings such as size, tenancy, level of irrigation, area under various crops, agro-climatic conditions, intensity of cropping and yield per hectare have been analysed in the report. The economic impact of various inputs like (i) Manual labour, (ii) Bullock/Camel labour, (iii) Seeds (local and Improved varieties), (iv) Agricultural implements and machinery, (v) Farm yard manure and chemical fertilizers, (vi) Irrigation charges (abiyana and tubewell charges) etc., (vii) Rent (actually paid) and (viii) Miscellaneous inputs e.g. payments made to artisans, cost of insecticides and pesticides etc. have been calculated and shown separately for irrigated and unirrigated areas. Similarly, gross income, expenditure and net income per hectare under peasant proprietorship and peasant proprietorship-cum-tenancy have been worked out to determine the profitability of farming. The holdings have been classified according to various size groups to facilitate group-wise comparison of different inputs and out puts of farm cultivators.

#### 1.5 Agro-Climatic Zones

Haryana consists of different agro climatic zones which are conducive for different variety of crops. To facilitate the analysis of data and to make the study more useful in planning and research for agricultural development, Haryana State has been divided into four homogeneous agroclimatic zones which are as under -

Sr. No.	Zone	Districts included
1.	Northern	Panchkula, Ambala, Yamunanagar, Kurukshetra, Karnal, Panipat
2.	Central	Kaithal, Jind, Sonipat, Rohtak, Jhajjar
3. u.i.d. rio	Western	Bhiwani, Hisar, Fatehabad, Sirsa.
4.	Southern	Faridabad, Gurgaon, Rewari, Mahendragarh.
		nresconed regulers. To setture Locardry of Julia, this (assessment)

of was appeared and erected built as the staff of Headquarter and the District Statuts of

#### 1.3 Sampling Design

Multistage sampling design was adopted for conducting the annual field survey. The village was taken as a primary unit and the particular holding was ultimate unit of survey. The farm holdings in the villages have been selected purposively depending on the co-operation, willingness and capability of the cultivators in maintaining the day-to-day record of farm operations. As such, the results and conclusions arrived at in this report are based on the study of sample holdings and, therefore, cannot necessarily be taken to reflect the situation prevailing in the state as a whole.

#### 1.4 Coverage

The study is comprehensive in nature and gives detailed account of 234 agricultural holdings. Out of these holdings, 206 holdings were irrigated, 8 unirrigated and the remaining 20 agricultural holdings were partly irrigated. Various characteristics of farm holdings such as size, tenancy, level of irrigation, area under various crops, agro-climatic conditions, intensity of cropping and yield per hectare have been analysed in the report. The economic impact of various inputs like (i) Manual labour, (ii) Bullock/Camel labour, (iii) Seeds (local and Improved varieties), (iv) Agricultural implements and machinery, (v) Farm yard manure and chemical fertilizers, (vi) Irrigation charges (abiyana and tubewell charges) etc., (vii) Rent (actually paid) and (viii) Miscellaneous inputs e.g. payments made to artisans, cost of insecticides and pesticides etc. have been calculated and shown separately for irrigated and unirrigated areas. Similarly, gross income, expenditure and net income per hectare under peasant proprietorship and peasant proprietorship-cum-tenancy have been worked out to determine the profitability of farming. The holdings have been classified according to various size groups to facilitate group-wise comparison of different inputs and out puts of farm cultivators.

#### 1.5 Agro-Climatic Zones

Haryana consists of different agro climatic zones which are conducive for different variety of crops. To facilitate the analysis of data and to make the study more useful in planning and research for agricultural development, Haryana State has been divided into four homogeneous agroclimatic zones which are as under -

Sr. No.	Zone	Districts included appending and to bodie W.S.
1.	Northern	Panchkula, Ambala, Yamunanagar, Kurukshetra, Karnal, Panipat
2.	Central	Kaithal, Jind, Sonipat, Rohtak, Jhajjar
3. u. d rin	Western III a belonie	Bhiwani, Hisar, Fatehabad, Sirsa.
4.	Southern	Faridabad, Gurgaon, Rewari, Mahendragarh.

notecined registers. To ensure bookers of date the recovered formed by the farmers requesting these

principles of municipality and an incommunity of the captures and an incommunity maintaining

#### CHAPTER - II

## ANALYSIS OF FARM ACCOUNT HOLDINGS

#### 2.0 General

This chapter deals with zone-wise and size group wise classification of all the 234 selected farm holdings, the prevalent land tenure system, the extent of irrigation, use of chemical fertilizer per hectare—area under different crops and yield per hectare. The capital investment in agricultural machinery & equipment, tubewells & pumping sets has also been worked out along with the maintenance cost of the pair of bullocks. The Micro level data in repect of selected holdings has been presented in Appendices I to III

## 2.1 Number and size of farm holdings

or engaleproprietoration and

The zone-wise number of selected farm holdings, total cultivated area and average size of holdings is presented in the table given below.

Table 2.1 Zone-wise number and average size of selected holdings

Sr.No	District New (d	No of farm holdings	Total cultivated ar of farm holdings (hectares.)	ea Average size of holdings (hectares)	
1	2	3	= 1-0-1 /1L000-14	5	
1.	Northern	(27.35)	269.66 (31.32)	4.21	
2,	Central	58	157.82 (18.33)	2.72	
3.	Western	62 (26.49)	243.39 (28.27)	3.92	
4.	Southern	50 (21.37)	190.10 (22.08)	3.80	
Mat-	i ee in earl nr g	(100.00)	(100,00)	3.68	UAS

Note: Figures in brackets indicate percentage to total.

Table 2.1 shows that the total cultivated area of all 234 selected holdings was 860.97 hectares with an average size of holdings of 3.68 hectares. The average size of holdings was the highest 4.21 hectare in Northern zone and the lowest 2.72 hectares in central zone. It may, however, be pointed out that the average size of holdings does not represent the average size of holdings in the state as the selection of farm holdings was purposive in character.

## 2.2 Land Tenure Systems

There are two types of land tenure systems prevalent in the State i.e. (i) peasant proprietorship where a peasant cultivates his own land with the help of his own family members or hired labourers, (ii) peasant proprietorship-cum-tenant where a farmer cultivates his own land alongwith some land either on rent (cash) or on batai (kind) with the help of his own family members or hired labourers so as to make the cultivation of holding economically viable.

The classification of selected holdings according to prevailing land tenure systems in the different zones is given in Table 2.2.

Table 2.2 Zone-wise classification of farm holdings under peasant proprietorship and peasant proprietorship-cum- tenancy system

Zone	Peasant	proprietorship	Peasant p	proprietorship - nancy	Tol	z.o Genela
fication of all the 234	No. of holdings	Area (hectares)	No. of holdings	(hectares)	No. of holdings	Area (hectares)
mon, risk of stranger	20 100	nce en 3 mara	ve eruno <sub>4</sub> timil	5	6	2 0007130
Northern	43	172.79	rents crops en	1996.87	918 64	269.66
Warmen and barbon	(67,19)	(64.08)	(32,81)	(35,92)	(27.35)	(31.32)
Central	48	124.52	10	33.30	58	157.82
	(82.76)	(78.90)	(17.24)	(21.10)	(24.79)	(18.33)
Western	52	213.29	10	30.10	62	243.39
	(83.87)	(87.63)	(16.13)	(12.37)	(26.49)	(28.27)
Southern	41	142.70	9 89	ntalo47.401 to	us a b 50	190.10
	(82.00)	(75.07)	(18.00)	(24.93)	(21.37)	(22.08)
Total in one care but	184	653.30	D910818500 7	207.67	234	860.97
	(78.63)	(75.88)	(21.37)	dst (24.12) etcs	(100.00)	(100.00)

Note: Figures in brackets show the percentage to the total number of holdings and total area.

Table 2.2 shows that out of total 860.97 hectares 653.30 hectares (75.88%) belonged to the peasant proprietor cultivators and remaining 207.67 hectares (24.12%) was covered under peasant proprietor-cum-tenant holdings. The peasant proprietor-cum-tenants are represented by small and marginal farmers who had to supplement their holdings by taking land on rent/batai in cash or kind so as to make the cultivation of holding economically viable.

#### 2.3 Classification of cultivated area of selected holdings

Classification of area of the selected holdings under different size groups and land tenure systems is given in the following table :-

Table 2.3: Classification of selected holdings according to size and land tenure systems

							The second second	11. m. m. 1 m. n. m. m. f.	
Size of	Peasan	t proprietorship	Р	easant proj	orietorship-	cum-tena	ancy	dan an Tot	al a
holdings	No. of holding	Area s	No. of holding	Owned	Rented (Cash)	Batai (Kind)	Total area	No. of holding:	Area
1	2	3	4	5	6	7	8	9	10
Below 2.0	48	65.25	7	4.79	3.22	0.80	8.81	(23.50)	74.06
2.0-4.0	80	219.42	22	38.89	20.95	1.20	61.04	102 (43.5 9)	280.46
4.0-7.5	41	214.63	17	45.72	43.60	5.20	94.52	58 (24.79)	309.16
7.5 – 10.0	8	66.00	3	12.90	10.40	- OVE CO	23.30	(4.70)	89.30
10.0 & ab	ove 7	88.00	1.	16.00	4.00	itte file	20.00	(3.42)	108.00
Total (	184 78.63)	653.30 (75.88) (21	50 1,37)	118.30	82.17	7.20	207.67 (24.12)	234 (100.00)	860.97

Note: Figures in brackets show the %ages to the total number of holdings and total area.

It may be seen from Table 2.3 that out of total 234 farm holdings,184 holdings (78.63%) and 50 holdings (21.37%) were under peasant proprietorship & peasant proprietorship-cumtenancy having an area of 653.30 hectares (75.88%) & 207.67 hectares (24.12%), respectively. It may also be inferred from the table that the maximum (43.59%) concentration of holdings was in the size group of 2.0-4.0 hectares and the minimum (3.42%) in the size group of 10.0 & above hectares. A majority of the holdings i.e. 68.38% were in the size groups of 2.0-4.0 & 4.0-7.5 hectares whereas 23.50% of the holdings belonged to the smallest size group of below 2.0 hectares. The remaining 8.12% holdings were in the size group of 7.5-10.0 and 10.0 hectares and above during the year 2005-06.

Table 2.4: Number of holdings by extent of irrigation.

Zone	Total number of	Irrigated	Unirrigated	Partly irrigated holdings					
	selected holdings	holdings	holdings	Below 25%	25% to 50%		75% to 100%		
1	2	3	4	5	6	7	8		
Northern	64	60	1	-		1	2		
Central	58	49	During SEW EDS 108	stap SN.8	1	4	4		
Western	62	56	holf it cole believe	nn mior ar	2	-1	1		
Southern	50	41	5		alblod to	1	3		
Total	234	206	8	7	3	7	10		
ENG MEN	par nu neuropeut bari	(88.03)	(3.42)	(1	.28) (2	.99) (4	4.28)		

Table 2.4 shows that out of total 234 holdings, maximum number of holdings i.e. 206 holdings (88.03%) were wholly irrigated as many as 8 holdings (3.42%) were totally unirrigated and the remaining 20 holdings (8.55%) were partly irrigated.

#### Irrigation

Irrigation is a vital input to increase agricultural production. The state has limited water resources viz canal as well as under ground water. The State Governments in its plans accords high priority to the provision of adequate irrigation facilities.

#### Irrigated/Unirrigated area of selected holdings

The zone wise total cultivated area, irrigated and unirrigated area of the selected holdings is presented in the table given below.

Table 2.4 (a) Zone-wise irrigated/unirrigated area of the selected holdings. Second of the selected holdings.

may be seen from Table 2.3 that out of fold 234 farm holdings (84 holdings,

Zone visvibs	of all selected	Irrigated area	Unirrigated area	as percei	ated/unirrigated ntage of the ivated area	gousper els ysca	
A Bensman	se group of 10.0 & above	SW III III (ME		Irrigated	Unirrigated		
1258 IBNW at	1810012 1-0 + 2 0 EUL	10 5300E a	are any 4n enew	55 010	dulploue-in up An	ojadi	
Northern	269.66	267.85	1.81	99.33	0.67	0.00	
Central	157.82 bits sension	150.22	7.60	95.18	4.82		
Western	243.39	226,19	17.20	92.93	7.07		
Southern	190.10	160.90	29.20	84.64	15.36 14.3	Table	
Total Ray o	860 97 70 Wolse	805.16	55.81	93.52	6.48	Zone	

It may be observed from the above table—that 93.52 percent of the cultivated area was under irrigation whereas only 6.48 percent area was found unirrigated during agricultural year 2005-06. The maximum of 99.33% of the total cultivated area in Northern zone was found under irrigation. Where as it was the minimum of 84.64 in the Southern zone.

## 2.5 Classification of holdings by number and extent of irrigation in different size groups

The classification of holdings by number and extent of irrigation in different size groups is given in Table 2.5.

Table 2.5: Classification of holding by number/area and level of irrigation in different size groups.

				belst			(Ar	ea in he	ctares)
Size of holdings (hectares)	Total number and hold-ent	Total area of all sele- cted hold- ings	in uduch	holly rigated oldings/ rea		Partly irrigated holdings area		Who unirri holdin are:	gated gs/
			No.	Area	No	Ar	ea	No	Area
				20111155	Litottegr	Irri.	Unirri	Stypic =	To the
1	2	3	4	5,00	iblor 6	70	0 5 8 5	9	10
Below 2.0	ל55 פרשה סון זום פפום	74.06	46	61.65	bellev 4	3.40	1.80	5	7.21
2.0-4.0	102	280.46	94	256.72	7	15.74	4.40	n-11-	3.60
4.0-7.5	58	309.15	51	273,45	6	19.30	9.80	1	6.60
7.5 –10.0	11	89.30	9	72.90	1	7.20	0.80	1	8.40
10.0 & above	8	108.00	6	82.40	2	12.40	13.20		2
Total	234	860.97	206	747.12 (86.78)	20	58.04 (6.74)	30.00 (3.48)	8	25.81 (3.00)

Not:- Figures in brackets show the percentages to the total number of holdings and total area.

It may be seen from Table 2.5 that out of total 234 holdings as many as 102 holdings were in the size group of 2.0-4.0 hectares having a total area of 280.46 hectares, 58 holdings were in the size group of 4.0-7.5 hectares with an area of 309.15 hectares. Whereas only 8 holdings belonged to the size group of 10.0 hectares & above. The table further reveals that 86.78 percent and 10.22 percent of the total area was found fully irrigated or partly irrigated during the year 2005-06 and the remaining 3.00 percent area had no irrigation facility.

# 2.6 Area under different crops (Irrigated and Unirrigated holdings)

Zone- wise and crop-wise distribution of irrigated/unirrigated area of selected holdings is given in Table 2.6 (a) and 2.6 (b), respectively.

Table 2.6 (a) Zone-wise and crop-wise distribution of irrigated area of selected holdings

di s							(Area in hectares)			
	Crops	02,00	Norther	n Centra	al III S	Western	Southern	Tota		
TU	1 1		2	3		4	5	6		
1.	Cereals							9//		
	Paddy		173.38	77.94		32.40	15.40	299.12		
				10,250		02.40	15,40			
	Bajra		227	14.60		31.35	49.80	(20.59 95.7		
						21100	40.00	(6.59		
	Maize		6.08			1020	e min	6.0		
								(0.42		
	Wheat		168.99	119.60		156.25	87.20	532.04		
	22 10							(36.62		
	Barley		-	0.60		3.30	4.15	8.05		
								(0.55		
	Total Cere	als	348.45	212.74		223.30	156.55	941.04		
								(64.77		
H	Pulses		1 - 1 - 1 - 1 - 1					ASSIL		
	Gram		0.40	0.10		6.20	1.60	8.30		
							17.8.8.	(0.57		
	Other pulse	es .	0.40	4.40		1271110	6.00	10.80		
				BCASA			CESTATA ILA	(0.74)		
	Total pulse	es	0.80	4.50		6.20	7.60	19.10		
								(1.31)		
Hari	Cash crop	S			05.8	11/0	Rigoto He In	Total		
	Oilseeds		11.48	12.60		41.95	48.40	114.43		
	(Rape & Mu	ustard)						(7.88)		
	Sugarcane		63.30	8.20			0.20	71.70		
	Cotton (Des	-21						(4.94)		
	COROLL (Des	51)	I SAUT FOR	5.80		13.55	2.40	21.75		
	Cotton (Am	orinan)				140700		(1.50)		
	Cotton (Anti	encan)	and self limiting	m en mes		83.80	DADE TO THE	83.80		
	Total asst	27227.05	7/70					(5.77)		
	Total cash	crops	74.78	26.60		139.30	51.00	291.68		
V.	Cross Fada		00.01	N NEMBER	E107	n inhei ni ga	desco.	(20.09)		
Y -	Green Fodo	lel .	39.91	36.24		27.06	12.15	115.36		
1.	Other crops		44.45	7.4-				(7.94)		
22	other crops		14.15	7.40		38.08	26.00	85.63		
	Total of all	orone	470.00	005.45	-			(5.89)		
	rotar or all	crops	478.09	287.48		433.94	253.30	1452.81		
lote :	Figures in b							(100.00)		

Table 2.6 (b) Zone-wise and crop-wise distribution of unirrigated area of selected holdings

portble	Crops no es as M	Northern	Central	STE THE	Western	Southern	Total
ine m	eals that 85 78 nerbs	uns sullissed audet	3	de A no	01 10 0 F to	cuose 5 to arts	6
1.	Cereals Paddy		geled or ;	tully im	punaj ŝi w ee.	int of the folal a	10 22 parce
	Bajra	(agnifilon bei	0.80	notisen ed and	6.80	6.40 6.40	14.00
	Maize les to ser	p. 1.41 mulbe	legiti. lo		crop-wee dist	bns sawwend	1.41
	Wheat	1.21	1.20			12.8 0	
	Barley	nera balsgmi l	0.80		evedoro oue i	1.00	(19.90) 1.80 (2.35)
inte	Total Cereals	2.62	2.80	i, antro	6.80 hold	20.20	32.42
II.	Pulses Gram 54 81	32.40	14.	77.94	10.80	4.60	15.40
87 c	Other pulses	0.10	( in )		9	0.40	0,50
30 (	Total pulses	0.10	7.		10.80	5.00	15.90
2.5.III 3.821 8.05 1.551	Cash crops Oilseeds (Rape & Mustard) Sugarcane	0.20 08.8	4.60	06.6	68 887	6.80	11.60 (15.18)
		223.70		212.74	348.46	Hanno).	atoT .
92,6	Total cash crops	0.20	4.60	61.0	en n	6.80	11.60 (15.18)
IV.	Green Fodder	0.10	0.80	01- b	24.0	5.60	
Varie	Other crops 68.3	6.20-	7		8.80/8.0	1.20	(13.09)
1	Total of all crops	3.02	8.20	12,60	26.40	38.80	24

Note: Figures in brackets indicate percentages to total

It may be observed from the foregoing Tables 2.6 (a) and 2.6 (b) that the total irrigated and unirrigated area of all crops was 1452.81 hectares and 76.42 hectares, respectively

The percentage of irrigated area under wheat was the highest (36.62) followed by paddy 20.59, oilseeds 7.88 and green fodder 7.94. It may also be seen that the highest (478.09 hectares) irrigated area of all crops was observed in northern zone whereas it was lowest (253.30 hectares) in the southern zone. It may also be seen that southern zone had maximum (38.80 hectares) unirrigated area. Whereas it was minimum (3.02 hectares) in northern zone

The cropping pattern in unirrigated areas was found to be different than that of the irrigated areas. In case of unirrigated areas, the percentage of area under Gram was the highest (20.80) followed by Wheat (19.90), Oilseeds (15.18) & bajra (18.32).

### 2.7 Intensity of Cropping

The choice and scope of various crops is determined by assured irrigation facilities and availability of improved high yielding varieties of seeds and other inputs. The cropping intensity is defined as the total cropped area as a percentage to net area sown. The total cropped area under various crops of selected holdings alongwith percentage of irrigated area and intensity of cropping are presented in Tables 2.7 (a) & 2.7 (b) respectively.

Table 2.7 (a) Area under different crops and crop-wise percentages of irrigated area to the total cropped area.

Sr.No.	Crops	Total		-	1751		ea in hectares)
01.140.	50.000 NOS-1	Total crop area (Irrig unirrigate	gated &	Percent to total cropped	1 T	Irrigated area	%age of irrigated area to total cropped area
1	2	3		4		5	6
1-11	Paddy	299.12	July 2013	19.56	6 - 11-3	299.12	100.00
2.	Bajra	109.75		7.18		95.75	87.24
3.	Maize	7.49		0.49		6.08	81.17
4.	Wheat	547.25		35.79		532.04	97.22
5	Barley	9.85		0.64		8.05	81.73
6.	Gram	23.70		1.55		8.30	35.02
7. Illur	Other Pulses	11.30		0.74		10.80	95.58
3.	Oilseeds (Rape & Mustard)	126.03		8.24		114.43	90.80
9.	Sugarcane	71.70		4.69		71.70	100.00
10.	Cotton Desi	21.75		1.42		21.75	100.00
11.	Cotton American	83.80		5.48		83.80	100.00
12.	Green Fodder	121.86		7.97		115.36	94.67
3.	Other Crops	95.63		6.25		85.63	89.54
	Total	1529.23		100.00		1452.81	95.00

It may be observed from the above table that the percentage of area under wheat was the highest 35.79, followed by paddy 19.56, Oilseeds (Rape & Mustard ) 8.24, Green fodder 7.97 whereas only 0.49 percent area was under maize. The area under paddy, sugarcane, and cotton (desi & american) was fully irrigated where as 97.22% of the area under wheat & 95.58% of the area under pulses was found irrigated.

The intensity of cropping in irrigated and unirrigated areas of all the four agroclimatic zones has been worked out in the following table:- \* gningotO to vitantity 3.5

Table 2.7 (b) Zone-wise intensity of cropping under irrigated and unirrigated areas

Zone	Percentag	ge of intensity	Total	manti bi yilidabiye cos
The total cropped ares under	Irrigated	Unirrigated		
1 in the strangeral trace	2 Donne	Carrella 3 constitution	ects in 4 interf	vehous orage of selected
Northern	178.49	166.85	178.41	TS selde Tel boliseen
Central	191.40	107.89	187.35	
Western	191.85	152.33	189.14	total cro
Southern	157.43	132.88	153.66	
Overall intensity	180.44	136.93	177.62	101G

The average intensity of cropping in the irrigated and unirrigated areas was 180.44 and 136.93, respectively. The western zone recorded the highest intensity of 191.85, whereas it was the lowest of 157.43 in southern zone on irrigated land. In case of unirrigated land, the intensity of cropping was highest 166.85 in northern zone and lowest 107.89 in central zone. The overall intensity was 177.62% for irrigated and unirrigated areas.

#### 2.8 Output per hectare

The average yield per hectare of sugarcane was 63989 kgs, paddy 4705 kgs, wheat 3966 kgs, barley 2683 kgs, oilseeds 1544 kgs, respectively in irrigated areas. The average yield in unirrigated areas under wheat, oilseeds and barley was 2229 kgs., 1192 kgs., 1167 kgs., respectively. Zone-wise yield per hectare of different crops in irrigated and unirrigated land is given in Table 2.8 (a) & 2.8 (b), respectively.

If may be observed from the above table trust parcentage of area under wheelt was the notices 25 fill inflowed by padity 18.56, Gimends (Rape & Mesters) 3.824, Great today it is the notice of the area under padity, argument and colors where so are under wheel & 9.85 percent of the area under wheelt & 9.85 percent of the area area.

Table 2.8 (a) Zone-wise yield per hectare of different crops under irrigated areas during 2005-2006

	nemices in injury address	DBOTT OXA:		atos julijajuh	The sapital five	(In Kgs.)
Sr.	No. Crops	Northern	Central	Western	Southern	Average yield
1	2	3	4	5	6	7
	A-Cereals		Personal and an extension			
1.	Paddy	4705	4343	5546	4772	4705
2.	Wheat (Grain)	3891	4108	4055	3756	3966
3.	Wheat (Bhusa)	3375	3886	4028	3735	3741
4.	Bajra (Grain)	1001-20F	1616	1266	1349	1363
5.	Maize (Grain)	1859	-			1859
6.	Barley (Grain)		1500	2212	3229	2683
7.	Barley (Bhusa)		1333	2212	2699	2398
	B-Pulses				VIII TERRETER	
1	Gram (Grain)	1250	1000	742	813	783
2	Gram (Bhusa)	SECOND NA	1000	742	688	699
3	Other Pulses (Grain)	1500	1386		833	1111
	C-Cash Crops				100000	0.00000
1.	Oilseeds (Rape &	1794	1365	1304	1740	1544
	Mustard)			Bell States to be		11 (27.07.0
2.	Sugarcane	69101	36879		43	63989
3.	Cotton (Desi & American)	1-216	1466	1403	4.17	1384

Table 2.8 (b) Zone-wise yield per hectare of different crops under unirrigated areas during 2005-06

	To the state of the state of	re-massAr	and the Contraction	- Washing		(In Kgs.)
Sr.No	. Crops	Northern	Central	Western	Southern	Average yield
1	2	3	4	5	6	7
10.7	A-Cereals	Essier	5.5%	district.		0 15
1.	Paddy	0.00	2	(1-63)	200	THE VETTIS
2.	Wheat (Grain)	1240	2083	O-100 2	2203	2229
3.	Wheat (Bhusa)	1240	2083	(62,0)	1688	2117
4.	Bajra (Grain)	1125	A-UBY-D	P7772381	1140	11139
5.	Maize (Grain)	180	125, 101	(DE CE)	-	780
6.	Barley (Grain)	-	750		1500	1167
7.	Barley (Bhusa)	telegie.	750	FICUUM	1500	1167
	B-Pulses	1000				
1. 3	Gram (Grain)	-	2011/10/20	Later Park	304	304
2.	Gram (Bhusa)	11.74	PD 855	LEADER, ST	304	304
3. 74	Other Pulses (Grain	) -	SERVICE	STVACE.	-	- 1000
	C-Cash Crops					
1.	Oilseeds (Rape &	275127	1043	1908915	1294	1192
	Mustard)	00.00		Degagur)		
2.	Sugarcane	Boss	E COLC			-
3.	Cotton (Desi and American)	0024	(Link)	Positi	- Alija	100

#### 2.9 Capital investment in farm, agricultural machinery and equipments

The capital investment has been classified into two broad heads i.e. (a) investment to improve the farm and (b) investment in agricultural machinery and equipments.

- (a) The capital investment in farm includes the following :-
- (i) Investment in land such as reclamation, improvement, fencing, terracing and bunding etc.
- (ii) Construction and maintenance of farm buildings, comprising of cattlesheds, tractor sheds, godown and stores etc. (excluding investment in dwelling houses).
- (iii) Acquisition and maintenance of drought animals.
- (b) Capital investment in agricultural machinery and equipments includes the following :-
- Agricultural implements and machinery including tractors with accessories, bar harrow, thrasher, cart, iron plough, cane crusher, chaff cutter and gur boiling pan etc.
- Installation of tubewells / pumping sets and sinking of wells. It also includes the cost of construction and remodeling of kacha and pucca water courses.

Zone-wise details of capital investment in farm and agricultural machinery/equipments are given in Table 2.9 (a)

Table 2.9 (a) Capital investment in farm agricultural machinery and equipments

					Contract (	in Rs.)
	Items	Northern	Central	Western	Southern	Total
14	ed attached walling	2	3	4	5	6
A-F	arm	0	P	- 6		
(i)	Farm buildings, cattlesheds &	1203835	778244	394616	269072	2645767
	other structures	(28.67)	(33.01)	(22.50)	(9.63)	(23.83)
(ii)	Drought animals (including	68546	49350	80016	14520	212432
	its acquisition) BBBT	(1.63)	(2.09)	(4.56)	(0.52)	(1.91)
	Total-A	1272381	827594	474632	283592	2858199
		(30.30)	(35.10)	(27.06)	(10.15)	(25.74)
B-A	gricultural machinery		OBY		(MESE)) 4	8168
(i)	Tubewells/pumping sets	1099016	377512	528208	581832	2586568
		(26.18)	(16.01)	(30.11)	(20.82)	(23.29)
(11)	Machinery and equipments	1827163	1152576	751476	1928640	5659855
	50E 10E	(43.52)	(48.89)	(42.83)	(69.03)	(50.97)
	Total – B	2926179	1530088	1279684	2510472	8246423
		(69.70)	(64.90)	(72.94)	(89.85)	(74.26)
	Grand Total (A+B)	4198560	2357682	1754316	2794064	11104622
	5 2	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)
Inv	estment per hectare	15570	14939	7208	14698	12898
_			The second secon			

The perusal of the table shows that the total capital investment on farm buildings and drought animals was 25.74% against 74.26% capital investment on Tubewells/pumping sets and machinery & equipments. The capital investment in farm was the highest (35.10%) in central zone whereas it was lowest (10.15%) in southern zone during the year 2005-06. Similarly, in case of agricultural machinery, capital investment ranged between 65% to 90% in different zones. The overall capital investment per hectare was worked out to Rs. 12898.

The percentage investment made in various types of agricultural machinery and equipment, tubewells/pumping sets of selected holdings is shown in Table 2.9 (b).

Table 2.9 (b) Capital investment in agricultural machinery and equipments and tubewells/ pumping sets

Sr. No	<ul> <li>Implements</li> </ul>	nt period	F lob	Investmen	t (In Rs.)	Percenta	age
1	2			3		4	1
1.	Tractor with ac	cessories	00.00	4596816	RS 28	55.74	ned a
2.	Tubewells/pum	ping sets		2586568		04.07	
3.	Thrashers	Ch. r		281584		2 40	
4.	Carts		69.62	102296		17.00	
5.	Chaff cutters			131040		1.59	
6.	Bar harrows			286320		3.47	
7.	Iron ploughs			4464		0.05	
8.	Rollers			12656		0.45	
9.	Seed drills	0831		59500			
10.	Gur boiling par	is		-		TIPHOX M A	
11.	Cane crashers			4.57		Maria de la composición della	
12.	Miscellaneous	(Triphali-Sohaga,		185179		2.25	
	Spray pumps e	tc.)					
	Total			8246423		100.00	-

It may be observed from the above table that investment on tractor with accessories was 55.74% of the total capital investment on agricultural machinery and equipments followed by 31.37% on tubewells/pumping sets, 3.42% on thrashers, 3.47% on bar harrows and 1.59% on chaff cutters, respectively. The rest of the implements accounted for 4.41% of the total capital investment on agricultural machinery and equipments.

#### 2.10 Use of chemical fertilizers

The study of farm accounts also reveals the extent of chemical fertilizers used as an input in the adoption of improved agricultural practices.

It has been observed that all the selected holding were found using chemical fertilizers during the year 2005-06. Crop-wise area of the selected holdings where chemical fertilizers were used is presented in the following table:-

Table 2.10 Total crop-wise area of holdings where chemical fertilizers were used

(Area in hectares) Sr. Crops Irrigated Unirrigated and No. Total Area under % age of Total Area under % age of col.7 chemical col 4 to cropped cropped chemical to col.6 area (87) fertilizers col.3 area fertilizers 2 8 3 6 4 5 1 nt 299.12 299.12 100.00 4 Paddy 14 00 3 20 2 Baira 95.75 76.35 79.74 22.86 3 Maize 6.08 6.08 100.00 1 41 1.21 85.82 4 Wheat 532.04 530.04 99.62 15.21 15.21 100.00 Barley 8.05 8.05 100.00 1.80 1 80 100.00 6. Sugarcane 71.70 71.70 100.00 ron ploughs 7. 21.75 19.35 88.97 Cotton (Desi) 83.80 Cotton(American) 83.80 100.00 8. 110.73 8.60 74.14 114.43 96.77 11.60 Oilseeds (Rape & Mustard) 5.60 85.15 10. Green fodder 115.36 104.37 90.47 6.50 7.50 75.00 11. Other crops 45.79 10.00 85.63 53.48 Total 1433.71 1355.35 94.53 60.52 43.12 71.25

The data given in Table 2.10 reflects that the percentage of area under chemical fertilizers in the irrigated holdings was the highest (100%) in case of paddy, maize, barley sugarcane & cotton american, followed by wheat (99.62%), oilseeds (96.77%), cotton desi (88.97%) and bajra (79.74%). In case of unirrigated holdings, the chemical fertilizer was found being used in the entire area under wheat and barley. Where as it was being put in 85.82% of area under maize, 85.15% of the area under green fodder and 22.86% of area under bajra.

#### 2.11 Consumption of chemical fertilizers per hectare

holdings. In irrigated areas, the consumption of chemical fertilizers varied considerably in irrigated and unirrigated holdings. In irrigated areas, the consumption of chemical fertilizers depends on the soil texture and the extent of irrigation facilities available. The consumption of chemical fertilizers per hectare under different crops is given in Table 2.11.

Table 2.11 vi a Consumption of chemical fertilizers per hectare under various crops during the year 2005-06

Sr	Crops	Irrigated		them cl	rosti.	Unirrigated	THE PROPERTY
No.	on a f	rea under schemical ertilizers hectares)	Total quantity of fertilizers used (kgs.)	Quantity per hect.	Area under chemical fertilizers (hectares)		Quantity per hect. (kgs.)
1	2	3	4 980	5 827	6	167 m 61	8
1.	Paddy	299.12	75825	253.49			mollower
2.	Bajra	76.35	9855	129.08	3.20	400	125.00
3.	Maize E	6.08	970	159.54	1.21	eshow 100	82.65
4.	Wheat	530.04	113873	214.84	15.21	1800	118.34
5.	Barley	8.05	1250	155.28	1.80	200	111.11
6.	Sugarcane	71.70	19435	271.06	1200	and a median to	10 01
7.	Cotton (Desi	19.35	24950	128.94	JEAUN.	el in spiper ag bu	Wallemil.
8.	Cotton (American)	83.80	12799	152.73		្នុខភាពប	M ILTO T
9.	Oilseeds (Rape & Mus	110.73	14425	130.27	8.60	1086	126.28
10.	Green fodde		10922	104.65	5.60	700	125.00
11.	Other crops	45.79	6775	147.96	7.50	800	106.67
	Total	1355.35	291079	214.76	43.12	5086	117.95

lt may be seen from the above table that the consumption of chemical fertilizer per hectare in irrigated areas was highest in areas under sugarcane (271.06Kg) followed by paddy (253.49 Kg.), wheat (214.84 Kg), maize (160.33 Kg), barley (155.28Kg) & Cotton American (152.73 Kg).

In unirrigated areas, the consumption of fertilizer per hectare was highest in areas under oilseeds (126.28 Kg) followed by bajra (125.00 Kg), wheat (118.34 Kg) and barley (111.11 Kg) overall, the consumption of fertilizer per hectare was 214.76 Kg in irrigated area where as it was 117.95 Kg is unirrigated area.

## 2.12 Operated area per permanent agricultural worker under different types of holdings

The operated area per permanent agricultural worker in various types of holdings in different zones is given below:-

Table 2.12 Zone-wise operated area per permanent agricultural worker in various types of

		aings						r 2005-0	sev	or (Area in	n hectares)
_	ticulars	Unimasted		Northern		Central	1	Vestern	iti.	Southern	
	Unant)	isio i	nebnu se	1A 2 VIII	OEU)	3	Jisto			5185	1,0,101
A Tot	ally Irrigat	ted holdings	1600019		11.15		KEST			HILL	6
(i) (ii)	Area No. of a	ensullhei gricultural worke	ers	261.51 134		132.32 148	but	207.39	esi rest	145.90 143	747.12 612
(iii)	Operate	d area per agric	ultural	1.95		0.89	4	1.11		1.02	1.22
B Par	worker tly irrigat	ed holdings		.49	283		1582				Paddy
(i) (ii) (iii)	Area No. of a Operate	gricultural worke d area per agric	rs rg r	6.94 9 0.77	159	25.50 28 0.91	79	32.80 13 2.52		22.80 13 1.75	88.04 63
C Uni	worker rrigated h Area	oldings	768		185			7 AG		33563	enny Mana Sanuy
(ii) (iv)	No. of ag	ricultural worke	rs	1.2 1		10		3.20	1.7	21.40	25.81 24
(14)	worker	area per agrici	ultural	0.40		-0	idesi idesi	0.80	81	1.26	1.08
	Total hol	dings		73	152				68		
(i) (ii) (iii)	Area No. of ag	ricultural worke area per agricu	rs 08 6 ultural	269.66 146 1.85	130	157.82 176 0.90		243.39 204 1.19	110	190.10 173 1.10	860.97 699 1.23
	TR ROLL	000	0.5.0								

The perusal of Table 2.12 shows that the total operated area per permanent agricultural worker was 1.23 hectares. The operated area per agricultural worker in case of totally irrigated, partly irrigated and unirrigated holdings was 1.22, 1.40 and 1.08 hectares, respectively during 2005-06. The table further indicates that the northern zone claimed the largest operated area i.e. 1.85 hectares per agricultural worker, whereas central zone claimed the smallest area of 0.90 hectares.

# 2.13 Wages of agricultural workers not to notigenue no est as a set setagment in

The prevalent average annual /daily wages of a permanent/casual agricultural worker in the four agro-climatic zones is shown in the following table:

Table 2.13 Zone-wise wages of a permanent and casual agricultural worker during 2005-06

a deserted in Special purpose on	wages paid	(In Rs.)	
Zone suchsy m	Annually (**) (Permanent)	Daily (*) (Casual)	
1	2	3	
Northern	21769	91	-
Central	22010	105	
Western	20254	101	
Southern	21210	100	
Average	21311	99	_

Exclusive of meal, tea, tobacco charges etc.
 Inclusive of meals, tea, tobacco charges etc.

The data given in Table 2.13 shows that during the year 2005-06, total wages paid to a permanent worker for various agricultural operations worked out to Rs. 21311. Besides, the permanent worker was also given meals, tea, tobacco etc. The daily wages paid to an agricultural worker (casual/hired) excluding daily perks like meals, tea and tabacco were Rs. 99. The daily wages paid to the agricultural worker was the highest (Rs. 105) in central zone and the lowest (Rs. 91) in northern zone.

## 2.14 Operated area per plough under various types of holdings

The operated area per plough (Bullocks, Camels and Tractors) during the year 2004-05 under different types of holdings based on irrigation facilities in different zones is given in the following table:-

Table 2.14 Zone-wise operated area per plough under different types of holdings (Bullocks, Camels and Tractors) during the year 2005-06

								(Area in	hectares)
Ite	m		Northe	ern.	Centra	al	Westerr	n Souther	rn Total
1			2		3	Maria	4	5	6
A Totall	y Irrigated hole	dings						15 F	
(i)	Area	VI-TO-	261.51		132.32		207.39	145.90	747.12
(ii)	No. of plough		301		136		167	209	813
(iii)	Operated area		0.89		0.97		1.24	0.70	0.92
	per plough							1,000,000	1.00000
3 Partl	y irrigated hold	lings							
4. 4. 4.	Area		6.94		25.50		32.80	22.80	88.04
	No. of plough		2		14		18	17	51
	Operated area		3.47		1.82		1.82	1.34	1.72
	er plough	2gnii-							
Unirr	igated holding	S							met.
	Area		1.21				3.20	21.40	25.81
(ii) 1	No. of plough		2		NV coules		700	12	14
0.7	Operated area		0.61		2			1.78	1.84
	er plough	olived howless as				mot le			
	holdings	10.1					de-		
	Area		269.66		157.82		243.39	190.10	860.97
	No. of plough	Jun 2	305		150		185	238	878
(iii)	Operated area		0.88		1.05		1.32	0.80	0.98
C914	per plough								

Note - One Tractor = 8 Pair of Bullocks One Camel = 1 Pair of Bullocks

It is revealed from the above table that the operated area per plough during the year 2005-06 taking into account both animal and tractor power worked out to 0.98 hectares. The operated area per plough was highest (1.84 hectares) in case of unirrigated holdings.

The area per plough in western zone was found to be maximum (1.32 hectares) where as it was minimum (0.80 Hectares) in southern zone.

# 2.15 Number of working days per plough under different types of holdings

that been worked out in the table 2.15 given below. The plough under various types of holdings that been worked out in the table 2.15 given below.

Table 2.15 Number of working days per plough under various types of holdings during 2005-06

Ty	/pe of holdings	No	rthern	Central	Western	Southern	Total
	11		2	3	4	5	6
A Tota	ally Irrigated holdings apprinted	to-899	vi abo	mder varin	t per plaugh t	perared area	O 17.
(i)	No, of working days	1	4515	7106	8762	12598	42981
- (ii)	No. of plough a T bns same?		301	136	6516 1167 equ	209	813
(ii)	No. of working days per plough	and the later	48	52	53	60	53
3 Par	tly irrigated holdings			THESE DESMI	aton in said/brit	STRUCTED TENTA	CUITED
(i)	No. of working days		98	810	955	835	2698
(ii)	No. of plough		2	14	18	-17	51
(iii)	No. of working days per plough	100110	49	58	53	49	53
: Uni	rrigated holdings	SUOZ H	n A sun	Butting_(s	noiser   tactor	19ma Jac	00
(i)	No. of working days		79			490	569
(ii)	No. of plough	RANDOM	2	Labbig.		12	14
(iv)	No. of working days per plough		40	3	-	41	41
) Tota	I (A+B+C)				agnibio	brigated in	viliato 1
(i)	No. of working days	5 1	4692	7916	9717	13923	46248
(11)	No. of plough	581	305	150	185	238	878
(iii)	No. of working days per plough		48	88.9 53	53	59	53

The above table reveals that on an average, a cultivator worked with his plough for 53 days during the year 2005-06. Number of working days per plough in totally irrigated holdings was 53 where as it was found to be 41 only in case of unirrigated holdings.

## 2.16 Maintenance cost per pair of bullocks

The break -up of maintenance cost per pair of bullocks is shown in Table 2.16.

C Unindepted holdings

Table 2.16 Zone-wise break up of the maintenance cost per pair of bullocks during 2005-06

Sr.No	). Item	Northern	Central	Western	Southern	(In Rs.) Overall average
1 100	2	3	an -4	ean 5	6	n hoterani 7
1	Fodder	4426	3982	4168	4075	double see 4163
		(37.80)	(36.37)	(37.44)	(32.44)	(35.92)
2	Concentrates	1398	1630	2025	2314	1842
		(11.94)	(14.89)	(18.19)	(18.42)	(15.89)
3.	Upkeep labour	4323	3895	3656	4833	4177
	our farmer of soul in	(36.92)	(35.58)	(32.84)	(38.47)	(36.04)
4.331	Interest & depreciat	ion 0 277	ON 15W00191	al bas 15310	med in 578	of the British of 33900
	on capital cost	(2.37)	(1,74)	(2.78)	(4.60)	(2.93)
5.	Housing (Cattleshed	d) 1094	1081	831	602	902
	naximum 1 32 hect	(9.35)	(9.88)	(7.46)	(4.79)	(7.78)
5.	Medical care &	190	168	144	160	166
	miscellaneous	(1.62)	(1.54)	(1.29)	(1.28)	(1.44)
	Total	11708	10947	11134	12562	11589
		(100.00)	(100.00)	(100.00)	(100.00)	(100.00)

It may be observed from Table 2.16 that average maintenance cost per pair of bullocks during 2005-06 was Rs. 11589 The expenditure on fodder and concentrates taken together formed 51.81% of the total maintenance cost. The percentage of upkeep labour and interest on capital investment on bullocks was 36.04 and 2.93, respectively. The expenditure on housing (cattleshed) and medical care was merely 7.78% and 1.44%, of the maintenance cost respectively. It was found to be maximum of Rs. 12562 in southern zone and minimum of Rs. 10947 in central zone.

Vietnandes

\*\*\*\*\*

Gross Income is the lotal value of the farm produce whother consumed at little stricted for sale or future use, sold in the market, cald in fund as wages to farm laboure to discover of in any other way it consists of the pash value of the produce actually sold and the value of the unitering produce as integed at harvest price prevalent in the vitage. Underwise everage gross militarian under mighted nothings has been worked out for each zone senarable. The call-wine and zone was appearable to call-wine and zone was integrated to the call-wine and vividaded in the call-wine.

Table 3.1 (a) Zone-wise average gross income per heclare from different crops in irrigatest holdings, during 2005-08.

St 10	In Crops	Madasin				dere O
				- 8		
			35354		32143	
	Wheel Cam)					
	Wineal (Bhushy	4625		5888	1405	
		-				
			2042			
			1200		1:E0.1	
						15993
	Other pulses (Bhusa)					
				19498	8625	200
61				28573		2651
34.5			10801		X17	
81	Sugarcana					
		25742				
	(traile, M. S. eqs. S)					
-51	Green today				Union.	
81	States of Padry Jowe	1684				1331
	Bajra Misse & st., 110s					
61	Other crops	41949	15176	571V		

#### CHAPTER-III

#### **ECONOMIC ANALYSIS OF SELECTED HOLDINGS**

#### General

Efforts have been made to present an overall analysis of input and output per hectare of area of the selected holdings. In this chapter, the profit and loss per hectare of area held and cropped by the cultivators under irrigated and unirrigated holdings have been studied and worked out separately.

#### 3.1 Gross Income

Gross income is the total value of the farm produce whether consumed at home, stocked for sale or future use, sold in the market, paid in kind as wages to farm labourers or disposed off in any other way. It consists of the cash value of the produce actually sold and the value of the remaining produce estimated at harvest price prevalent in the village. Crop-wise average gross return per hectare under irrigated and unirrigated holdings has been worked out for each zone separately. The crop-wise and zone-wise average gross income under irrigated and unrrigated holdings have been shown in Tables 3.1(a) and 3.1(b), respectively.

Table 3.1 (a) Zone-wise average gross income per hectare from different crops in irrigated holdings during 2005-06

						(In Rs.)
Sr.N	No. Crops	Northern	Central	Western	Southern	Overall average
1	2	3	4	5	6	7
1.	Paddy	32960	35364	39208	32143	34221
2.	Wheat (Grain)	27235	28584	28385	26290	27721
3.	Wheat (Bhusa)	4625	6155	6954	5971	5874
4.	Barley (Grain)	-	9500	13639	17629	15388
5.	Barley (Bhusa)	2	2042	2894	2988	2879
6.	Bajra (Grain)	2	8868	7068	7379	7504
7.	Maize (Grain)	12689			053	12689
8.	Gram (Grain)	26250	20000	14419	15875	14072
9.	Gram (Bhusa)		1200	1387	1031	1249
10.	Other pulses (Grain)	9250	18027	-	14950	15993
11.	Other pulses (Bhusa)	1	-		0.00	
12.	Cotton (Desi)	· 2	26823	19498	6625	20031
13.	Cotton (American)	3	5.5075000	26513	GRANDS-C.	26513
14.	Cotton (Sticks)	2	1362	1146	417	1142
15.	Sugarcane	82045	32155	1.70	1.90	76110
16.	Oilseeds	26742	27542	21798	30308	26526
	(Rape & Mustard)				(Contractor)	20,700,000
17.	Green fodder	22067	16294	21591	19160	19836
18.	Stalks of Paddy, Jowa	ar, 1064	830	1994	2448	1331
	Bajra, Maize & sugare				10005-012(1)	(America)
19.	Other crops	41949	15176	14149	9223	17336

Table 3.1 (b) Zone-wise average gross income per hectare from different crops in unirrigated holdings during 2005-06

						(In Rs.)
Sr.N	o. Crops	Northern	Central	Weste	ern Southe	ern Overall average
1	ne 2 no ne a sylundani	3	4	5	6	7
1.	Paddy	- Ultaki	7,4184	Bill Olie	fyra emiles	Farmer 2
2.	Wheat (Grain)	8678	14583		15422	14819
3.	Wheat (Bhusa)	1240	2083		1688	1683
4.	Barley (Grain)		5250	-	13125	9625
5.	Barley (Bhusa)	Grata.	1500	FE CI-	1500	1500
6.	Bajra (Grain)	35.00	6188	2011	6273	6264
7.	Maize (Grain)	6028	267-11	11	- 15 m	6028
8.	Gram (Grain)	0.563		CRME	6000	6000
9.	Gram (Bhusa)	68888	\$6655	1,000.00	815	815
10,	Other pulses (Grain)	60808	27,575	01635	16000	16000
11.	Other pulses (Bhusa		-			priceptin.
12.	Cotton (Desi)	(ACT)	887.01	7985	016515	
13.	Cotton (American)	-	13402	15228	TV 105	11.00
14.	Cotton (Sticks)	150	2527	8011	18430	0
15.	Sugarcane	(5)	855401	17976	4.74	0 L
16.	Oilseeds (Rape	-	18783		23407	21541
	& Mustard)	00021		84.00		
17.	Green fodder	3000	10000	000	11786	11431
18.	Stalks of Jowar,	0.6509	1625	364	2219	2597
	Bajra, Maize & sugar	rcane				
19.	Other crops	2700	WHE G	6909	3500	6500

It may be seen from Tables 3.1(a) & 3.1(b) that the gross return per hectare of major crops of irrigated holdings has an edge over the gross income of unirrigated holdings. The gross return per hectare of sugarcane, paddy, wheat, oilseeds & green fodder of irrigated holdings was found to be Rs. 76110, Rs. 34221, Rs. 27721, Rs. 26526 and Rs. 19836, respectively. In case of unirrigated holdings, the gross return per hectare of Wheat, Barley, Bajra, Gram and Oilseeds was worked out as Rs. 14819, Rs. 9625, Rs. 6264, Rs. 6000 and Rs. 21541 respectively.

Group-wise gross income, expenditure and net income per hectare of peasant proprietorship and peasant proprietorship -cum-tenancy under irrigated and unirrigated holdings have been presented in Table 3.1 (c).

The it-Output analysis of the hardings

e main objective all this study is to inclose in put-output, ratio under two lipids

in the last expectation state of the assets in growing expenditure and net income per

the vertical and the assets are present unspreading in a vortewing in expitain about the land tender

yater inmiting pursuent unspreadurable and peasant or ophetodiship-dum-tender by previous the state

state.

A constant oraprietor appares the right of on court at He har me right to sell, transfer the manager or ones it. If despendents the otherwise the single are the own face of the court of service in t

Table 3.1(c) Group-wise gross income, expenditure and net income per hectare of peasant-Proprietorship and peasant-proprietorship-cum-tenancy under irrigated and unirrigated holdings during 2005-06

Overall award	Southern	maleut				(In Rs.)
Size group of	Peasa	ant-proprietorsh	ip	Peasant-	proprietorship-	
holdings (hectares)	Gross Income	Expenditure	Net Income	Gross Income	Expenditure	Net Income
1	802	3	20834	1240 6	6.saud8)	
Irrigated	10125		5250		I/III=EX	WHEEL
Below 2.0	51176	24533	26643	61228	34148	27080
2.0-4.0	53128	24109	29019	57226	31671	25555
4.0-7.5	56290	24801	31489	62977	35974	27003
7.5-10.0	51472	21463	30009	6963	7949	(-)986
10.0 & above	45395	22833	22562	85595	48010	37585
Average	52786	23915	28871	60893	34471	26422
Unirrigated					mises (Chiuse)	FIRE C
Below 2.0	14585	4397	10188	15289	12593	2696
2.0-4.0	24326	11224	13102	10200	(Amenican)	none 2000
4.0-7.5	25461	11708	13753		(Stitle)	aulioD: Is
7.5-10.0	22464	11976	10488	-	900	onenus d
10.0 & above	23407		88788		s (Rape	завина: Да
Average	21619	9946	11673	15289	12593	2696
Overall average	ge 51657	23409	28248	60590	34326	26264

The figures indicated in Table 3.1(c) show that gross income per hectare under peasant-proprietorship was highest (Rs. 56290) in the size group of 4.0-7.5 hectares in the irrigated holdings whereas it was minimum Rs. 45395) in the size group of 10.0 hectares & above. In case of unirrigated holdings, the maximum (Rs. 25461) gross income was recorded in the size group of 4.0-7.5 hectares followed by size group of 2.0-4.0 hectares (Rs.24326).

The irrigated peasant proprietorship-cum-tenancy holdings recorded the highest (Rs 85595) gross income per hectare is the size group of 10.0 hectares & above where as it was found to be the lowest (Rs. 6963) in the size group of 7.5-10.0 hectares.

The peasant proprietors of irrigated holdings incurred an expenditure of Rs. 23915 per hectare where as it was Rs. 34471 in case of peasant proprietor-cum-tenants. The corresponding figures for unirrigated holdings were worked out to be Rs. 9946 and Rs. 12593 with an overall average of Rs. 23409 and 34326 respectively.

### 3.2 Input-Output analysis of the holdings

The main objective of this study is to find out the input-output ratio under two types of land tenure systems. Before assessing the gross income, expenditure and net income per hectare from cultivation on the sampled holdings, it is worthwhile to explain about the land tenure systems namely peasant proprietorship and peasant proprietorship-cum-tenancy prevalent in the state.

#### (A)- Peasant Proprietorship

A peasant proprietor possesse the right of ownership. He has the right to sell, transfer it by gift, mortgage or pass it on to descendents. He cultivates the land with his own family members. The cost of cultivation under this system includes manual labour (excluding imputed

value of wages of family workers and exchange labour), bullocks labour (excluding imputed value of bullocks, upkeep labour by family workers), seeds, farm yard manure, chemical fertilizers, irrigation charges (including tubewell electricity bills, canal water charges, repair of tubewell etc), implements and machinery, interest on capital investment (excluding depreciation on capital investment), payments made to artisans, cost of spray of insecticides/pesticides etc and miscellaneous costs (cost of bunding, fencing and land leveling etc). The rental value of owned land has been excluded from this cost.

#### (B) Peasant proprietorship-cum-tenancy and assessment and appear and

A peasant proprietor-cum-tenant acquires some additional land on rent/batai in addition to his own land to supplement his income. The terms and conditions of rent lease i.e. cash or kind depend on local conditions and urgency of his requirements. He is assisted by his family members and seeks hired labour in agricultural operations. The cost of cultivation under this system includes manual labour (excluding imputed value of wages of family workers and exchange labour), bullocks labour (excluding imputed value of upkeep labour), seeds, farm yard manure, chemical fertilizers, irrigation charges (tubewell electricity bills, canal water charges and repairs etc.), implements and machinery, interest on capital investment, payments made to artisans, cost of spray of insecticides/pesticides etc. and miscellaneous costs (cost of bunding, fencing and land leveling etc.) and rental value of leased in land.

The gross income, expenditure and net income per hectare (zone-wise) under peasant proprietorship & peasant proprietorship-cum-tenancy system have been calculated separately for irrigated and unirrigated areas and is shown in Table 3.2.

Table 3.2 Zone-wise net income per hectare of peasant proprietorship and peasant proprietorship-cum-tenancy under irrigated and unirrigated holdings separately during 2005-06

Zone	Pea	asan	t proprietors	ship	Peasant p	roprietorship-cur	m-tenant	
=	Gross Income		penditure	Net Income	Gross Income	Expenditure	Net return	a p
1	2	-01,	3	4	5	6	7	
Irrigated		1015	-					
Northern	67613		33909	33704	73414	43960	29454	
Central	55948		22021	33927	56287	26723	29564	
Western	48865		19545	29320	59593	31698	27895	
Southern	35051		18909	16142	37689	20966	16723	191
Average	52786		23915	28871	60893	34471	26422	
Unirrigated Northern	-		-		15289	12593	2696	Or syla
Central						11270	-	
Western	16000		2250	13750 84	202		MA SAR LA	
Southern	22459		11096	11363	+	-		
Average	21619		9946	11673	15289	12593	2696	
Overall average	51657		23409	28248	60590	34326	26264	

It is observed from the above table that overall average gross income, expenditure and net income per hectare for irrigated and unrrigated areas taken together for holdings under peasant proprietorship worked out to Rs. 51657, Rs. 23409 and Rs. 28248, respectively. Where as for holdings under peasant proprietorship-cum-tenancy it was worked out to be Rs. 60590, Rs. 34326

and Rs 26264, respectively. The table further shows that gross income per hectare in irrigated areas under peasant proprietorship systems was the highest (Rs. 67613) in northern zone whereas the lowest (Rs. 35051) income was recorded in southern zone. In case of holdings under peasant proprietorship-cum-tenancy system the highest (Rs. 73414) per hectare gross income was observed is northern zone where as it was the lowest of Rs. 37689 in the southern zone.

# 3.3 Comparative position of net income under two types of land tenure systems and a second se

The group wise & zone-wise data regarding net income per hectare under peasant proprietorship & peasant-proprietorship-cum-tenant system of holdings has been worked out in Table 3.3

Table 3.3 Group-wise and zone-wise net income per hectare according to peasant proprietorship & peasant-proprietorship-cum-tenancy system

A- Group wise			easant oprietor	ship	Peasant pro	prietor-	e bila cadiment
			2		3	THE PARTY OF THE P	SIERS SEEDING
Irrigated	ATT THE WHITE	CUDE I	Distriction of	upsiqu 1	o salar badane	OHIENIOWS)	wader starting
Below 2.0	na zemanto v		26643	Vilnish	27090	month and	Teranzonii imga
2.0-4.0					25555		INDUIT INTOXINUEL
4.0-7.3		n atriennys	31489	158 MI   E	27003		ung amenisigni
7.5-10.0 val bh	ferrand and is	on bridge	30009		27003 016 (-)986		on the state of the state of the
10 & above			22562		37585		of insectiones of
Average			28871		26422	möönne/-hp.	entre-friedring
Unirrigated	th metaer to	g Butyout			20422	28010 9111	
2.0-4.0			13102		2696	pathip & pet	
4.0-7.5			13753		with the time and the	netunean	
7.5-10.0							
10 & above	saup and poss		10400		come par liecti son-fenancy un	ii Jun asiwa	Table 3.2 Zone
			11673	11112113011	2696	90-9002 UI	aprila
B- Zone wise	nuci-airienalema	on roses	-1	old	Enolesidona Ineze		11.10.07
Irrigated	Expenditure	3103N			Expenditure	ERINE)	
Northern			33704		29454	Binoonl	
Central -			33927	B.	29564		
Western			29320		27895		
Southern	- ASSES		16142	KAVEC	16723		brigated
Average	28773	CROU	28871	COURT	26422	LESTA	resultion)
Unirrigated	31898	68989		29320	The second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section in the section is a section in the section in	55948	Central
Northern					64691		
Central	34471				cocs: 2696	1803E	Southern
Western			13750		21815		Average
Southern					5		Unirrigated
Average	14611	195.01	11673		0000	_	Nettant
Overall average	4.5	_	28248	A STATE OF THE STA	2696	-	Central
			736 77 18		26264		matesty

Inferences can be drawn from the above table that the holdings under peasant proprietorship are more profitable than the peasant proprietorship-cum-tenancy system. The overall average net income per hectare of the operated area of a peasant proprietorship and peasant proprietorship-cum-tenancy was Rs. 28248 and Rs. 26264, respectively under different size groups as well as in zones during 2005-2006.

holdings under pagasant proprietership-dum-least-research worked out to be Rs 60690, Rs 34325

# Lorsgrung to see all same desegration as CHAPTER - IV se bas 31 to 8

au all of directly gross like wheat gram ingercans & change

## SUMMARY AND CONCLUSION

The report on 'Economics of Farming in Haryana' provides a comprehensive analysis of a cultivator's farm economy and highlights in depth his gross income, expenditure and net income per hectare of irrigated and unirrigated holdings. Besides, it gives information about the extent of use of improved seeds, agricultural implements and machinery, consumption of chemical fertilizers, labour and employment etc. The present report makes a detailed study of 234 selected holdings under two commonly practised systems of land tenure i.e. peasant proprietorship and peasant proprietorship-cum-tenancy. The main findings of the study are as under :-

- The total operated area of 234 selected holdings under this study was 860.97 hectares. Out
  of which, the area under peasant proprietorship and peasant proprietorship-cum-tenancy was 653.30
  hectares and 207.67 hectares respectively. The average size of holdings was 3.68 hectares.
- Out of total 234 selected holdings, 206 holdings (88.03%) were irrigated and 8 holdings (3.42%) were unirrigated. The remaining 20 holdings (8.55%) were partly irrigated. The analysis has further revealed that 93.52% of the area held under selected holdings was irrigated. The average intensity of cropping on irrigated and unirrigated areas of selected holdings worked out to 180.44% and 136.93%, respectively. The overall intensity was 177.62%.
- 3. The study revealed that the great difference was found in the cropping pattern under irrigated and unirrigated areas. In case of irrigated areas, the percentage of cultivated area under cereals, pulses and cash crops was 64.77, 1.31 and 20.09 as against 42.42, 20.80 and 15.18 respectively in case of unirrigated areas.
- The study further indicated that all the selected holdings were found using chemical fertilizers. The average consumption of chemical fertilizers per hectare in irrigated and unirrigated area was 214.76 kgs., and 117.95 kgs., respectively.
- The total capital investment per hectare was found to be Rs.12898, out of which 74.26% was utilised for agricultural machinery & tubewell/pumping sets and remaining 25.74% on farm building, cattlesheds and drought animals.
- 6. The average operated area per permanent agricultural worker was 1.23 hectares. A permanent hired agricultural worker was paid Rs. 21311 per annum inclusive of meals, tea & tobacco charges while a casual daily wage worker was given Rs. 99 per day exclusive of meal, tea & tobacco charges.
- 7. Average yield per hectare of paddy, wheat, bajra, maize, barley, gram, oilseeds & sugarcane was 4705 kgs., 3966 kgs., 1363 kgs., 1859 kgs., 2683 kgs., 783 kgs., 1544 kgs., and 63989 kgs., respectively on irrigated land as compared to 2229 kgs. yield of wheat, 1139 kgs. bajra, 780 kgs., of maize, 304 kgs. of gram and 1192 kgs. of oilseeds under unirigated land.

- 8. The gross income per hectare of different crops like wheat, gram, sugarcane & oilseeds was Rs. 27721, Rs. 14072, Rs. 76110 and Rs. 26526 respectively in irrigated areas. In case of unirrigated holdings, the gross return per hectare of Wheat, Barley, Bajra, Gram and Oilseeds was worked out as Rs. 14819, Rs. 9625, Rs. 6264, Rs. 6000 and Rs. 21541 respectively.
- 9. The average gross income of a peasant proprietor per hectare worked out to Rs. 52786 on irrigated areas as against Rs. 21619 on unirrigated areas. The average net income per hectare was calculated at Rs. 28871 from irrigated areas as compared to Rs. 11673 from unirrigated areas. In case of peasant proprietorship-cum-tenancy holdings, the average gross income per hectare was found to be Rs. 60893 on irrigated areas as against Rs. 15289 on unirrigated areas.
- The gross income per hectare of operated area under peasant proprietorship & peasant proprietorship-cum-tenancy system of holdings was Rs. 51657 & Rs. 60590 respectively during the year 2005-2006.
- 11. The study further concluded that per hectare expenditure incurred by the sampled cultivators from farm cultivation was Rs. 23409 & Rs. 34326 respectively under peasant proprietorship-cum-tenancy system of holdings
- The net income per hectare of operated area came out to Rs. 28248 for peasant proprietors whereas it was found to be Rs. 26264 for peasant proprietor-cum-tenants during 2005-06.

136 B3W respectively. The overall intensity was 177 62%.

3. The study revenus that the great difference was found in the dropping pattern under stripated and unit grade areas. In case of inflgence areas, the percentage of cultivated area under corrective or unit grade crock crock was 64 77 1/31 and 20 09 as against 42.42, 20.80 and 15 18 inspectively in case of unitigated areas.

The study further indicent 5 that all the selected hildings were found using chantum refused and the arestage concurrence of chantage per hectare in impalied and unimpared are was a 76 kgs, and 117 u5 kgs, respectively

The total depital investment per heutare was found to be Rs 12888, out of which 74 45% out arm suite no cattleaneds and drought animals.

3. The average operated area per percursers agricultural worker was 1.23 his tables in permanent mired agricultural worker was neld Rs. 21311 per annum inclusive of mean use 3 tobarco charges while a croudlically wage worker was given Rs. 99 per day exclusive of mean use 3 tobarco charges while a croudlically wage worker was given Rs. 99 per day exclusive of mean use 3 tobarco.

Availage yield per heritare of paddy, wheat, pajor, marke, barley, grain, priseeds & sugarishmane 4700 kgs, 5080 kgs, 1383 kgs, 1889 kgs, 2683 kgs, 783 kgs, 1514 kgs, and 63895 kgs, respectively on imigated land as compared to 2229 kgs yield of wheat, 1139 kgs, bayra, 780 kgs, of maire, 304 kgs, of grain and 1192 kgs, of oliteeds, under unligated land.

## APPENDIX-I

## List of Selected Holdings (2005-2006)

( Area in hectares)

Zone	District	Holdings	Irrigated	Unirrigated	Total	
1	. 2	3	4	5	6	
Northern	Ambala	Sain Majra	2.40		2.40	
	13000000	Samlehri	2.40		2.40	
		Kodwa Kalan	2.40	~	2.40	
		Bhurewala	2.70	130	2.70	719 111
		Keso Pur	2.80		2.80	
		Alipur	2.80	-	2.80	
	- 1	Sullar	3.20	-	3.20	
		Kapoori	3.20	-	3.20	
		Khudda Kalan	3.80	-	3.80	
		Mohra	5.60		5.60	
		Patvi	6.60		6.60	
		Barara	8.60	-	8.60	
	Panchkula	Madna	0.40	0.20	0.60	
	I diffikuld	Tiba majra	1.00	0.20	1.00	
		Morni	1.00 H	1.21	1.21	
		Bharoli	2.40	1.64	2.40	
		Kiratpur	3.20	2	3.20	
		Surajpur	3.20		3.20	
		Garhi Kotaha	3.20		3.20	
		Barwala	3.80		3.80	
	Karnal	Bazidpur	1.45		1.45	
	Karnar	Bijna	1.70		1.70	
		Fusgarh	2.20	100	2.20	
		Bazidpur	2.40		2.40	
			2.60	3 4	2.60	
		Bijna			2.80	
		Uplana	2.80		3.00	
		Dadupur Roran	3.00	**	3.00	
		Dadupur Roran	3.00	-		
		Padhana	4.00	3.5	4.00	
		Padhana	4.80	9	4.80	
		Fusgarh	5.00		5.00	
		Uplana	5.60	-	5.60	
	Kurukshetra	Sandholi	2.10		2.10	
		Bint	2.40		2.40	
		Dhantori	3.20	75	3.20	
		Khanpur Kolian	3.84	58	3.84	
		Jandhera	4.00	124	4.00	
		Kamoda	4.60		4.60	
		Chadani Jattan	5.20		5.20	
		Berhan	5.80	38	5.80	
		Phalsanda Rangran	6.20	3.4	6.20	
		Sarsa	6.52		6.52	
	Panipat	Hathwala	1.60	**	1.60	
		Diwana	1.80	199	1.80	
		Sanoli Kalan	2.20	39	2,20	
		Sanoli Kalan	2.40		2.40	
		Didwari	2.40	5.4	2.40	
		Naya Nara	2.80	59	2.80	
		Jhati Pur	3.00	29	3.00	
		Hathwala	3.20	2.5	3.20	
		Kurana	3.60	59	3.60	
		Adiyana	6.20	: ÷	6.20	

# PARGASHA)

#### List of Salested Huddings (2005-2010)

	infoT.	battistismo	!drigme!	Spittinf)		tommic	
						(Area in	hectares'
Zone	District		Holdings	Irrigated	Unirrigated	Total	nectates
1	2		3	4	5		likeni i r
ar over	Yamuna	200 -	2.40	melle al manife a			
Northern	Yamuna	Nagar	Mustamabad	2.40		2.40	
	0.00		Sabepur	2.60		2.60	
			Bheel Chhappar	2.90 gil A	0.20	3.10	
			Jubbal	3.04	0.20	3.24	
	05.5		Sarawan	3,40		3,40	
			Radauri	4.80		4.80	
	11A.2		Leda khash	6.20		6.20	
			Gundiana	7.20	-	7.20	
	95.8		Kanipala	10.00		10.00	
			Dariyapur	10.80		10.00	
			Dorrang	19.20	2 700	19.20	
	ře		Balachaur	20.00		20.00	
	01-10		Total	267.85	1.81	269.66	
	3.20		72.4	Schenger		2007100	
				Charried			
			51	mebezzi			
	1.8 4						
	THE P						
			0.6%				
	188 6						
				Photoschuckers			
	2.20						
	(4.5						
	2.10			member 1			
	2.40						
				promptoy			

Zone	District	2211-2	Holdings	Irrigated	Unirrigated	Total
1	2	yan C	3	4	5	6
Central	Jind		Dalamwala	1.10		1.10
			Naguran	1.60	92	1.60
			Palwan	2.00	62	2.00
			Khanda	2.00	34	2.00
			Uchana Khurd	2.20	54	2.20
			Kalwa	2.40	82	2.40
			Rajhana Khurd	2.64	52	2.64
			Karsandhu	2.70	92	2.70
			Ujhana	3.20	52	3.20
			Ujhana	3.60	- 12	3.60
			Kilazafargarh	3.70	0	3.70
		×.0	Desh Khera	4.00		4.00
			Bhadurgarh	6.40		6.40
			Barah Kalan	7.70	0 <del>1</del>	7.70
			Rajaund	0.80		
			Chhot			0.80
				0.80		0.80
			Harigarh Kingan Kharak Pandwan	2.00		2.00
				2.40	5	2.40
			Dhand	3.20	-	3.20
			Barot	3.60	9	3.60
			Harigarh Kingan	4.00	-	4.00
			Mohna	4.40	100	4.40
			Kithana	4.80	-	4.80
	22/02/05/200		Kharak Pandwan	7.20	2	7.20
	Rohtak		Bhalot	0.80		0.80
			Bhalot	0.80	*	0.80
			Kheri Sampla	1.00		1.00
			Kheri Sampla	1.00		1.00
			Bhali Anandpur	1.40	0.60	2.00
			Lakhan Majra	2.00	10000	2.00
			Lakhan Majra	2.00	12	2.00
			Madina	1.40	1.00	2.40
			Madina.	2.40		2.40
			Bhali Anandpur	3.20	0.80	4.00
	Jhajjar		Matanhel	1.40		1.40
	75%		Dhandhlan	1.20	0.20	1.40
			Dhandhlan	1.20	0.20	1.40
			Matanhel	1.60		1.60
			Salhawas	2.00		2.00
			Salhawas	2.00		2.00
			Hasanpur	2.80	-	2.80
			Dulhera	3.20		
			Dulhera		1.20	3.20
				2.40	1.20	3.60
			Hasanpur	5.00	-	5.00

Zone	District	Holdings	Irrigated	Unirrigated	Total
1	2	3	nina 4 s/ECI	5	but 6
Central	Sonipat -	Chidana	1.00	100	1.00
		Nirthan	1.00 169		1.00
		Ahulana	1.00	7	1.00
		Panchi Jatan	1.20 Hz I		1.20
		Khewra	1.60		1.60
		Mudlana	0.60	1.20	1.80
		Rohat	2.20	1.20	2.20
		Bhigan	2,20		2.20
		Kheri Dhamkan	2.40	323	2.40
		Rai UL	3.20		3.20
		Mohana	2.60	0.80	3.40
1,4675		Chitana	4.08	0.00	4.08
		Gudha	3,90	1.60	5.50
		Kasanda	6.00		6.00
77.10		Total	150.22	7.60	157.82
1973		T UIL TO	THE PROPERTY OF THE PARTY OF TH	1,15,0	1,771374
			Hipfoto.		
	(4)(1)(1)		mildeling A. Hilli		

Zone	District	Holdings	Irrigated	Unirrigated	Total
1	2	3	4	5	6
Vestern	Bhiwani	Chandeni	1.60		1.60
		Hetam pura		1.60	1.60
		Hetam pura	- Puga-	1.60	1.60
		Gignow	1.60	7. E	1.60
		Gignow	1.60	T	1.60
		Bhariwas	1.60		1.60
		Jattu Lohari	2.00		2.00
		Jattu Lohari	2.00	*	2.00
		Chang	2.00		2.00
		Loharwara	2.40	*	2.40
		Bhariwas	2.40		2.40
		Chang	3.20		3.20
		Loharwara	3.20		3.20
		Chandeni	3.20		3.20
		Sagwan	4.80		4.80
		Sagwan	4.80		4.80
		Dhani Hunac	2.40	3.60	6.00
		Dhani Hunat	6.80	8.00	14.80
	Hisar	Litani	1.50	0.00	1.50
	Hisar	Majra	1.70		1.70
		Pabra	1.70		1.70
		Sarsod			2.00
			2.00		
		Chikanwas	2.00		2.00
		Data	2.00	*	2.00
		Bhatol Jattan	2.40		2.40
		Arya Nagar	2.80	*	2.80
		Ghirai	2.80	-	2.80
		Behabalpur	3.04		3.04
		Bhatol Jattan	3.60	-	3.60
		Harikot	4.15	*	4.15
		Dhiranwas	4.30	*	4.30
		Narnaund	6.80	•	6.80
		Agroha	7.20	0.80	8.00
		Kabral	8.00	-	8.00
		Balawas	9.00	2	9.00
		Moda Khera	12.40	€	12.40
	Fatehabad	Kanheri	1.00	2	1.00
		Jamalpur Sekha	1.60	2	1.60
		Chimo	1.60	2	1.60
		Jhandli khurd	2.00	2	2.00
		Sakhar pur	2.80	\$	2.80
		Jakhal	2.80		2.80
		Dariya Pur	3.60	2	3.60
		Nehla	3.60	29	3.60
		Dhabi kalan	4.40	2	4.40
		Matana	5.20	<u></u>	5.20
		Bhattu Kalan	6.40	<u> </u>	6.40
		Aharwan	- 6.80	_	6.80

Zone	District	Holdings	Irrigated	Unirrigated	Total
1	2	3	4	5	6
Western	Sirsa	Malekan	1.00	and the same	1.00
w estern	001	Abholi	1 00	Photografi Class	1.00
		Sultan Puria	1.40	ELLI-L	1.40
		Umed Pura	2.00	1000	2.00
		Bhawdin	2.00	III:0	2.00
		Sanvat khera	2.80		2.80
		Panihari	3.20	inte-	3.20
		Nejia Khera	2.40	1.60	4.00
		Sahuwala	6.00	CHI.	6.00
		Banwala	6.40	1110	6.40
		et 11	7.20	IIIU.I	7.20
			8.00	unite	8.00
		Ding no e	8.00		8.00
		Thiraj Whom	10.00	0001	10.00
THE C		Chhormar Khera		17.20	243.39
G87#		Total	226.19	17.20	243,39

| Column | C

Zone	District	Holdings		Irrigated	Unirrigated	Total
1	2	3		4	5	6
outhern	Faridabad	Likhi	-17	1.20		1.20
		Bhupgarh		1.60	(mailtill in	1.60
		Prithla		2.40		2.40
		Prithla		2.40		
		Midkola		2.00	0.40	2.40
		Nacholi		4.00	0.40	2.40
		Nacholi				4.00
		Midkola		4.00	140	4.00
				4.00	-	4.00
		Bhupgarh		4.80	-	4.80
		Likhi		5.40	20	5.40
		Sikri		6.60		6.60
	William Day	Sikri		6.60		6.60
	Gurgaon	Jamalpur		1.20	1.0 %	1.20
		Hassan Pur		1.60	-	1.60
		Hassan Pur		2.00	2	2.00
		Khentawas		2.00	22	2.00
		Alipur		2.80	11 2	2.80
		BondaKalan		3.60		3.60
		Malab			3.60	3.60
		Uchha Majra		4.00	5.00	4.00
		Alipur		4.40	10	4.40
		Pangwa		4.80		
		Mandi Khera		3.60	1.70	4.80
		Garhi Harshu			1.20	4.80
		Malab		3.80	1.00	4.80
		Nasir Was		-	6.60	6.60
				6.80	-	6.80
		Wazir Pur		7.60	-	7.60
		Bichhor		8.00	-	8.00
		Mohamadwas		8.00		8.00
	V-1 1 1	Kheri Nuh			8.40	8.40
	Mahendergarh	Uninda		1.00		1.00
		Napla		Muc Sala	1.20	1.20
		God		-	1.60	1.60
		Bhugarka		1.60	- CANADA	1.60
		Sehlanga		1.60	11 2	1.60
		Shaharpur		1.70	n E	1.70
		Singhra		3.00	E - 2011100	3.00
		Riwasa		5.80		
		Nangal Nunia		6.40		5.80
		Satnali			6.20	6.40
	Rewari	Bhandore		5.60	5.20	10.80
		Suthana		0.80		0.80
				1.40	77.	1.40
		Pahlawas		1.60		1.60
		Mastapur		1.00		1.60
		Manethi		1.60	7.2	1.60
		Kapriwas		3.20	-	3.20
		Maheshwari		3.20		3.20
		Lukhi		3.60	0.	3.60
		Nahar		3.60	2	3.60
		Suthana		4.40	1	4.40
		Total		160.90	29.20	190.10
			183			150.10

## APPENDIX - II-A

Cropped area, Yield and its Value of crops sown on Irrigated Land (Kharif) 2005-06

Zone	District	Holdings		ddy	Value	Area	Bajra Yield	Value
			Water Harden	Yield (Otle)	(Rs.)	(Hects)	(Qtls)	(Rs.)
			(Hects) 4	(Qtls)	6	7	8	9
1	2	3	1.80	144	86400	-	-	
Vorthern	Ambala	Sain Majra	1.20	45	27000	-		(47)
		Samlehri	1.60	80	48000			(4)
		Kodwa Kalan	2.30	96	57600			
		Bhurewala		45	27000			
		Keso pur	1.00	70	43400		8 (2)	100
		Alipur	1.20	144	86400			323
		Sullar	3.20		57000		2.0	-
		Kapoori	2.00	95		JT:	-	
		Khudda Kalan	1.60	60	36000	- 1		
		Mohra	5.40	240	144000		23	
		Patvi	5,20	293	17800		- 5	
		Barara	5.20	292	192720	- 0		
	Panchkula	Madna	0.20	5	8000	57	- 5	
		Tiba majra	1.00	70	43400	- 5		
		Bharoli	1.00	45	26550		- 3	-
		Kiratpur	0.40	30	18900			
		Surajpur			70000	(%)		
		Garhi Kotaha	1.60	140	86800			
		Barwala	3.40	170	102000			
	Vounal	Desir desire	1.20	72	36720	200	-	
	Karnal	Bijna	1.60	84	48720	(*)		
		Fusgarh	1.70	98	58800			
			2.20	128	72000	- 52		
		Bazidpur	2.60	138	84180	T.	-	- 19
		Bijna	2.70	165	98100		-	110
		Uplana Poren	2.80	136	99760			
		Dadupur Roran	2.80	121	108900			
		Dadupur Roran	3.60	162	122012	-	-	
		Padhana	4.00	188	133800			
		Padhana	2.60	149	83640			
		Fusgarh		280	175200			
		Uplana	5.40	120	80000			
	Kurukshetra		3.60		66000	-		
		Bint	2.00	110	108000			
		Dhantori	3.00	180		17		
		Khanpur Kolian	3.60	180	108000		2	ī.
		Jandhera	1.40		59850			
		Kamoda	4.00		96000			
		Chanduni Jattan	4.80		178560			
		Berhan	2.60		76500			22
		Phalsanda Rangra	n 0.80		28500			
		Sarsa	6.24		252000	100		7.0
	Design	Hathwala	1.60			-		•
		Diwana	1.60	56				-
		Sanoli Kalan	2.20				8 8	7.
		Sanoli Kalan	2.40		90000			253
		Didwari	2.00					
		Naya Nara	2.80					*
			2.80	0.000				<b>*</b>
		Jhati Pur	2.80			9		
		Hathwala	3.40			-	-	-
		Kurana						-
		Adiyana	6.0	0 260	200000	<u> </u>		_

	ary ment		D	addy	10 110		Bajra	
Zone	District F	Ioldings	Area (Hects)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)
1	2	3	4	5	6	7	8	9
1	Manage Manage	Mustamabad	2.00	110	110000	4		-
Northern	Yamuna Nagar	Sabepur	1.10	25	22500	_		
		Bheel Chhappar	1.30	52	33800			-
		Jubbal	1.84	70	56000	050		12
			2.50	150	90000	983		
		Sarawan Radauri	2.40	101	73170	*	- 67	-
		Leda khash	1.60	88	67200			
		Gundiana	2.20	110	107800			
			4.70	180	108000			
		Kanipala	6.40	320	192000	-		
		Dariyapur	5.20	208	187200	*.		
		Dorrang Balachaur	10.00	625	375000			10

	Maize			P	alses		Pulses (E	Bhusa)	Cotto	n (Desi)	
Area (Hects)	Yield (Qtls)	Value (Rs.)		Area (Hects)	Yield (Otle)	Value	Area	Value	Area	Yield	Valu
10	11	12	-			(Rs.)	(Hects)	(Rs.)	(Hects)	(Qtls)	(Rs.
10	11	12		13	14	15	16	17	18	19	20
0.20		2500						-		*	-
0.20	5	3500		1		*	7	-	*		
0.40	8	5600				*	-	*		-	
0.60	-			2		*	* 1		-	54	-
0.60	8	5600			-	-	*	-	94	39	3
5		7		2.0		+	*		÷	-	5
- 51		-					*		(A)	-	-
w.v.5	30.77	J. Company		-	+		+	*	34	(4	- 3
0.40	10	7500			-				120	:2	- 2
-				-		7.4		-	2	SQ.	- 3
0.20	4	2800		5 <del>8</del>		-	9	-	12	12	-
**						-		147	-	2	9
0.20	4	2800		÷	-	-	-	-	2	12	-
±8	· ·			-	-	-		-	- 2	9	3
1.00	20	11800			-					- 5	
1.04	14	9800		-	140	-		-	9	-	
0.64	5	3250		-	196	2.00			- 122		-
1.40	35	24500	- 51		1921	2000					
ALCOM	-	24000				0.00	-		-	-	
50	2.5			A.T.	-	2.83	=	-	-	-	
7.1		8				-	-	-	-	-	
*5		•				0.00	+	+	-	-	*
	*			*		(100)	-	-	-		*
**		**		9	*		*	-	-		
*:	-	*		-			¥	2	12	2	
60		*		~		-	-		-	÷	-
		*		~	-		*	-			10
		*		+	14	41	142	2	-	·	2
	100	#3		-	-	+	23	-	22		0
(*)		÷3		-		4		2	-	0	10
*		-		-	4	-	¥:	2	÷	9	
		20		4		120	2	3	<u>_</u>	2	2
-	-	40		-	82	-	28	23	2	0	
0.00	-	23		-2	-	-	9	23	428		
	-	23		12			2	20	23		14
100		21		2	-	-	21	48	6.6	-	- 8
(4)	-	-		12	- 2	122		48	-	100	- 6
	-	-			- 42	520	-	-	-		- 7
100	1920				33	5690		7.0		- 204	-
72	120	-			-	1000	-		-	Ť.	-
0.00				7.7		: <del>-</del> ::	-	-	-	*	
9850 9950	7,740	1000		-	0.0	•	-	-		•	
	2,400			-	-		-	-	*	•	
	100	27			-		-	-	•	*	
		-		-	-	-	2	+		•	-
				\$*	*		22	-		-	-
•						2.1	-	-			-
	243			2	-	_	- 1	-		7.	-
-				2	_	227	\$3	-		-	-
				2	2	2		-	-		-
										-	8
-		-			3			- 5	9	88	- 1

			p. to			Pulses (B)	iusa)	Cot	ton (Des	i)
Ma Area	<u>Yield</u>	Value	0.535.55	Yield	Value	Area (Hects)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)
(Hects)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)		17	18	19	20
10	11	12	13	14	15	16	1.7	10		
	- 60	345				- 10	-	- 14		-
300							-	1.4	1.3	
5.73			-				25	100	1.06	12
	-	120	34	-						
		1/2	347	-	<del>20</del> 0					
-	-7	20	147	-	31	*			-	
		2	-	+11	75	-	-			
-			0002	ob.	**		-			-
*		MI S		00.0	-		-		•	
**				Ulli-U		-			-	- 5
*5								**	*	8
-	154	140		03.0				\$	+)	
	100	0112 5		107		-			*	
94	-		-							

10000 000 000

0012 002 0012 002

¿ Seed) .	cane (Cane &	. Sugar	Cotton Sticks		(American	
Value	Yield	Area	Value	Value	Yield	Area
(Rs.)	(Qtls)	(Hects)	(Rs.)	(Rs.)	(Qtls)	(Hects)
27	26	25	24	23	22	21
		0.40			-	-
34500	300	0.40	- B	2	25	-
	- 5	- 7				
					128	
•	- 4		-	20	-	
50000	600	1.20	-		22	125
60000	600	1.20	4 5 -		- 3	
60000	500	1.00		- 5	9	126
60000	500	1.00	- 5	- 5	9.6	028
30000	250	0.60	5)		- 5	1925
		0.00	1.7		- 1	7/25
34500	300	0.60	1,50	100	- 5	1957
213675	1925	2.80	7.5%			- 1
			1.7	130	- 5	7050
	**		1.50		-	1100
170	1.7		1/23	*	-	1755
(#3)			17.	2.5		1000
			1.5	0.70	- 5	
-		- 5	154	10.7	5	*
-	**		554	250	13	-
-	*		*	2077		
	owali.	ransan	1973	1,7	. 50	•
48000	400	0.50		1.7	1.7	•
*	-	**	0.00	1.7	950	•
	-	*	35		3.73	•
	*	*		•	0.54	•
(+	3.	70	3353	•	(17)	
7.0	*	*	0.7	323	0.70	-
	*	*		3.5	1.70	•
Service Service	0.000	- J		*	0.70	-
196200	1635	2.00		<u>;</u>		3.0
	*	*		*	3.5%	350
	*	*		3.50	10	7.
5 <del>4</del>	-	60		878	653	1.7
19	<del></del>					2.0
207000	1800	2.40		3.73	2.5	1757
*	-	*			(**)	12/
	-			270	(*)	
258300	2100	2.80			(37)	( <b>1</b> 3)
384375	3125	5.00		*	337	
	~	-	•		5.00	*
	×	*	*		7.00	(7)
¥	-	+1	•	-	2.0	***
39		8		: <del>+</del> ::	*	*
12	-	28	*	90	(#)	(*)
84	-	+)		383		
2	_	*		-		3
	-	¥3		90		<b>*</b> 2
-	-	45		590		*
	2	•	-	+		820
83		20	190	-		394.3

Cotton (A	merican)	Co	tton Sticks	Sugarcane	(Cane & See	d)	_
Area (Hects)	Yield (Qtls)	Value (Rs.)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)	
21	22	23	24	25	26	27	
-		(*)	4	-		-	
(5)	100			1,40	900	110700	
(E./.				0.80	500	56000	
7	•			0.80	600	73800	
27	6.5	4.15	120	0.70	376	41250	
23	<b>≅</b> 87	( ·		2.00	1000	115000	
27	290	-		4.00	3600	403200	
9	(*)	1.0		4.60	2530	288420	
3	370		3	4.90	3600	432000	
3	0.4		-	4.00	2500	300000	
17	9.5	16	54	12.00	7500	922500	
*		2		8.80	7700	924000	

Green	Fodder	Stalks of Paddy, Jowar,		Crops .	
Area	Value	Bajra, Maize and Sugarcane	Area	Value	
(Hects)	(Rs.)	Value	(Hects)	(Rs.)	
(Hects)	(10.)	(Rs.)	2		
28	29	30	31	32	
20	67				
0.20	6000	800	·	-	
0.40	8000	1700	0.20	-	
0.40	2400	500	12		
0.40	5600	2500	-		
1.20	12000	1500	-		
0.20	3000	3600	0.20		
-	• 11	1.0	227		
0.20	3500	2000	:211	-	
1.20	13000	4100	-		
1.00		2600		+	
0.60	10000	9960	7/2-7	-	
0.20	5000	3800	0.40	-	
0,20		1600	-		
9		1000		-	
0.40	5000	3600	-	- 89	
0.40	2000	39400	1.76	5000	
2.48	30000	1000	-	-	
0.20	3200	1500	-	(*)	
0.40	6000	-	-	323	
	4000		-	7-3	
0.20	2000		-	+	
0.10	4000	2000	3	-	
0.20		2000	-	100	
0.20	3200			23	
0.20	4000	800		<u>1</u> 2	
0.10	2000	2000	(4)	25	
0.20	4000	5600		2	
0.20		3000	0.20	14400	
0.20			0.40	25800	
0.40		5000		12.024.0745-054.	
0.40		1200		<u> </u>	
0.20			2007	2	
0.10		7500		- 2	
0.40		1000		<u> </u>	
0.20		**		72	
0.24		4200	T 0	-	
0.20		4200		(20	
0.60		*		323	
0.40		22000	2		
0.40		22000	20	-	
0.40		32400	£7		
0.23	8 6000	1800		-	
	0 3500	542	3.		
0.2	Anne to the	•			
			-	-	
	0 0000	(발)			
0.4	0 8000			-	
0.2	0 4000				
0.4	75.9 LD26.565.D	-		(7)	
0.4		22	0.00		
0.2		<b>₽</b>	-	35	

, cX	Green F	odder	Stall	ks of Padd	y,Jowar,	0	ther	Crops		
	rea	Value		a, Maize ar	nd Sugarcane	Area		Value		
(1	Hects)	(Rs.)	000000	Value (Rs.)	THE	(Hects	)	(Rs.)	142	
0010	28	29		30		31		32		
	0.20	1500		600		0.15		1000		
	0.10	2000		2500						
	0.80	6000		4100				25		
	0.40	6000		3000						
	0.20	4000		3900				-		
	0.40	7000		2500				-		
	0.60	8400		8000				-		
	0.40	6000		2940				0		
	0.40	6000		17600						
	0.40	6000		10200		-				
	1.20	18900		15300		0.80		14000		
	1.20	25000		30400						

Zone	District	Holdings		Paddy			Bajra	
			Area	Yield	Value	Area	Yield	Value
			(Hects)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)
1	2	3 474	4	5	6	7	8	9
Central	Jind	Dalamwala	(2)	anna/s		0.50	6	3060
		Naguran	0.80	30	30000	541		
		Palwan		U6.2	-	1.60	40	24000
		Khanda	2.	0004		0653	•)	U
		Uchana Khur	d -	0024		1.20	24	12240
		Kalwa -	2.20	110	88000	0.550	• 1	
		Rajhana Khur		70	59000	005-3	*));	
		Karsandhu	2.50	137	99000	History	*	
		Ujhana -	2.80	84	100800	000	-0.1	
		Ujhana	3.60	100	121000	11078	7.0	
		Kilazafargarh		01-95	-	0.80	6	3150
		Desh Khera	1.30	45	49500	0.60	14	8400
		Bhadurgarh	5.80	204	173400	000	10	
		Barah Kalan	5.10	142	120700	0.90	25	14000
	Kaitha	l Rajaund	0.20	14	8400	0.40	12	618
		Chhot	0.60	50	35000		-	
		Harigarh King	gan 1.80	125	81250	(-)	-	
		Kharak Pandy	van 1.60	110	66000	0.40	8	416
		Dhand	2.80	130	156000	(2)	528	
		Barot	3.00	180	108000		-	
		Harigarh King	an 3.60	225	146250		350	
		Mohna	4.00	250	162500		- <del></del> -	
		Kithana	3.20	200	120000	0.80	25	1287
		Kharak Pandy		400	240000			
	Rohtak	Bhalot		1.5	*:	-	-	
		Bhalot			-		-	
		Kheri Sampla					1.00	
		Kheri Sampla				-	3.00	
		Bhali Anandp		16	17600			
		Lakhan Majra		12	12300	-	140	
		Lakhan Majra		8	9600		140	
		Madina	(*)		-			
		Madina	0.80	40	42000		-	
		Bhali Anandp		24	26400	0.60	-	
	Jhajjar		1.00	10	14000	(II (*)		
		Dhandhlan	0.40	12	14400	-	-	
		Dhandhlan	0.40	10	12000		190	
		Matanhel	1.20	10	13000		(*)	
		Salhawas			*	1,20	12	624
		Salhawas	-	0.00		1.20	10	520
		Hasanpur				0.80	8	408
		Dulhera		0.00	-	-	-	100
		Dulhera					*	
		Hasanpur	0.80	16	20800	1.20	12	612

			43					
Zone	District	Holdings		Paddy			Bajra	
20110		Troungs	Area (Hects)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)
-1	2	3	4	5	6	7	8	9
Central	Sonipat	Chidana	0.60	30	19500	-		
	1.5	Nirthan	-		-	***		
		Ahulana		-		0.60	9	4770
		Panchi Jatan	1.00	30	36000			
		Khewra	1.20	60	60000	7.0	1.0	1.5
		Mudlana			1.74	73		
		Rohat	2.00	64	76800			100
		Bhigan	1.80	90	81000	**	(2)	100
		Kheri Dhamkan	1.60	65	42250	*:	1000	- 55
		Rai	2.00	76	86250	*:		33
		Mohana	0.60	16	19200			
		Chitana	1.68	40	46000	0.60	10	5250
		Gudha	3.20	90	85500			
		Kasanda	1.80	60	60000	1.20	15	9750

Ma	ize	4	I	ulses		Pulses	(Bhusa)	Cott	on (Desi)	
Area	Yield	Value	Area	Yield	Value	Yield	Value	Area	Yield	Value
(Hects)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)
10	11	12	13	14	15	16	17	18	19	20
-		-	-	-		-	-million	0.40	4	7400
		- 12		-	-			0.60	6	11700
+:		-	-			-				
7.0			-	-	7.		al description	-		
52	-			-	-	*	A	0.60	9	16875
7.0		2			300	**	-		2.0	
73		100	=			*3				7
**		37	-		- 1			8.53		
**	*	31	-	*					25	-
±3	2	18.			Access and he	*5	*		7.	
*8			0.60	10	15000	**		0.70	8	16000
*3		1,4	35			*:	*	1.90	28	47600
₹3			85			*:		*	-	
*	-			*	-	*				
*						*	*	*	*	
*	-	5.5	37	*		-			*	
*	100	*	97			*		*		
*	*		-			*		-	9	
**		*	÷	•	•		**		-	-
*	-	*	35	-		-				*
*	-		-	-	•	*			33	2
80	95		27	*	-	*	(*)			100
5	*		£	*	: <del>*</del> )	-		-		3
-	-		14	*	-	*	-	•		
-	-	-		*	5.78	-		-		
*	-		2.5		-					
*	*		-	-	-	**				
-		()		-	-	5	1.5	•		
-			-		-	-		0.40	12	20400
-				-	-		-	0.40	8	13600
			1.00	10	15000		5.	0.40	-	15000
		-	1.00	10	15000	0		0.80	10	22000
				-				0.00		22000
2					-	2		-	-	
	12	4	-	100				-	-	
4	9		- 2	-	~	*	20			
	-		121	-	-	-	46		-	
	S#		140		240	-	45	-		
	64		(40)				20	141	0.4	- 5
_	19		-	142	4		-		54	
-	54		-	140	(4)		-			
2	52	-	1.20	4	6320		1500	1.41	9	
	52	823		- 2		ш	2000	122	1.0	7.2

Ma	ize		P	ulses		Pulses(	Bhusa)	Cott	ton (Desi)	15
Area (Hects)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)
10	11	12	13	14	15	16	17	18	19	20
		8					-	-	-	
	-	*	-	-	04				*	
	*	-		-	-			-	*	
-	*	8 (		-	0.00	-		19	*	
*	+	38	-	-	(Sec. )	-				
	*	*	-	-	-		-	- 4	*	
	*	*	~	7.4	-		-	-		
	-	-		-				-		
	-	*	*	4	34			5.0		
	#	*	-	-				-		
-	-	*	0.80	12	18000	10	2000			
-	•		I OF T	+			-	- 4	-	
	*		-	-	79					
	4				-		-		-	

Area (Hects) 21	Yield (Qtls) 22	Value (Rs.)	COLUMN TO SERVICE TO S	Cotton Sticks Value (Rs.) 24	7007	Area (Hects)	Yield (Qtls)	Value (Rs.)	
21	22	23	71	(Rs.) 24	- VEV	(Hects)			
	22	23	7	24	SWE Y				
						25	26	27	
				500	5				
				1000		Al	6		
				*		_			
				-		-	_		
				1000		-	-		
:									
				-					
	1								
				-			-		
				1000					
		0.00		2000		2			
						ST	0.8:0		
	-					1.50	894	110000	
	-			- 0		1.50	0.74	110000	
-	-					_ 3	-	-	
-	_						-	-	
		-							
-	_						-	-	
	-						-	0.00	
	-						-	080	
	-					-	-	-	
	-					-	-	2=0	
				- 2					
	-			4.7				. *	
						0.30	106	16076	
	-	2				0.30	125	16875	
		100					-		
1.0				2		0.80	200	27500	
	-	-		1000		0.00	300	37500	
				400			-	-	
	6			.400		*	-	÷	
	-			1000		0.60	100	12500	
				1000		1.60	100 400	12500	
	F8	-				1.60	400	50000	
	*	570				**	0-		
=== 		-				**	-	-	
35 3*	**	-					3.4	-	
e =	55	0.00				-0	9 <del>2</del>		
· ·	20			*		-		1.	
	*			-		-	-	-	
10	5			-		*	-	-	
15	**	-		-		**	-	~	
5	77	-		-				-	

Cotton (Ar	nerican)		Cotton Sticks	Sugarcane	(Cane & Seed		
Area (Hects)	Yield (Qtls)	Value (Rs.)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)	
21	22	23	24	25	26	27	
-		-		= -		3-	
		2					
	9	-	8	-	-	-	
-	2	-	2		-	(H)	
-			- S	-	-		
	2			-	(*3)		
25	-		5	+		-	
070					*		
1.0			-	-	-		
*	-	- 2	20	- 4	-		
5 <b>2</b> 3	-	7					
	-	-		11 -2	-		
	-	-	-		-		
-	-	-		1.00	320	36800	

	n Fodder	Stalks, Rice, Jowar,		er Crops .	
Area	Value	. Bajra, Maize and Sugarcane .	Area	Value	
(Hects)	(Rs.)	Value	(Hects)	(Rs.)	
		(Rs.)		3.5	
28	29	30	31	32	
0.20	5000	500	(5)		
0.20	4000	1000	0.75		
0.30	5000	2000	0.10	500	
1.00	17000		0.80	25500	
0.20	2500	900	1.50	-5	
0.20	5000	4000		-	
0.48	8000	2000			
0.20	4000	1500			
0.40	6000	2500			
	50000000	2000	0.00		
1.60	12000	2000	2000		
0.20	4000	800	1972		
0.60	9000		107-1		
0.20	4000	1500	-		
0.20	4000	4000	3.53		
0.20	5000		127	-	
0.20	5000	(#/)	-	5	
0.40	8000	2000	3.5	2	
0.40	8000	2000		•	
0.60	12000	2000	3377	Ť.	
0.40		2000	3.5	-	
	8000		(7. <del>1</del> )	*	
0.40	8000	4000		~	
0.80	16000	4000		7	
0.40	8000	4000		7.	
0.80	8000	and the second		-	
0.50	4000	2500		15	
0.60	2000	*		*	
0.60	2000		•	75	
		500		8	
0.60	18000	500		*	
1.00	5000	300			
0.40	6000	2000		*	
0.20	4000	1750		*	
*	*	600			
*		2000	0.40	2000	
0.80	1200	400		*	
0.80	1000	400		*	
32		1500		-	
	-	1800	0.80	4800	
-	-	1000		*	
0.80	15000	2000	1.20	9000	
0.80	*	-	0.40		
0.80	15000		•		
0.40	7000	2100	1.00	5400	

HARIT	Crops	Other	ar,	Stalks, Rice, Jowa	odder	Green Fo
	Value	Area	Sugarcane.	. Bajra, Maize and	Value	Area
	(Rs.)	(Hects)	(de la l	Value	(Rs.)	(Hects)
				(Rs.)		0.
	32	31		30	29	28
		-		600	2000	0.40
		-			12500	1.00
				1000	4000	0.40
		-		100000	6000	0.20
		~		1500	6000	0.40
	:45	2			7000	0.60
	-	2		-	2500	0.20
		2		2250	6000	0.40
		-		2000	10200	0.80
	32000	0.80		2500	6000	0.40
	16000	0.80		750	5000	0.40
				3500	22500	1.80
	-	2		6000	9000	0.70
	15000	0.80		7500	15000	1.20

Zone	District	Holdings		addy			Bajra	
			Area	Yield		Area	Yield	Valu
-	2000	AND THE RESERVE	(Hects)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)
1	2	3	4	5	6	7	8	9
Vestern	Bhiwani	Chandeni			54 ·	1.60	20	1000
		Gignow			NA.	0.80	5004 3	154:
		Gignow	20	-	-	0.60	2	103
		Bhariwas			n)óm r <sup>≆2</sup>	0.80	4	240
		Jattu Lohari	51	-		-		
		Jattu Lohari	-	43	1000 1	0.40	anox .	
		Chang		-		0.80	12	600
		Loharwara	1.20	16	17600	0.80	10	550
		Bhariwas	-	-	HIDE C	0.80	4	240
		Chang	2.80	80	88000	•	China and and	
		Loharwara		-	The said	2.40	30	1500
		Chandeni		1	DOSE	3.20	32	1680
		Sagwan			051	1.20	12	600
		Sagwan		-	0074	1.20	12	600
		Dhani Hunat			72	0.000		
		Dhani Hunat						
	Hisar	Litani	948	1	_	0.40	14	910
		Majra	1.60	80	80000	0.10	2.53	210
		Pabra				0.20	6	390
		Sarsod				0.80	8	480
		Chikanwas	100			0.60	12	660
		Data				0.60	12	
		Bhatol Jattan			•	0.80		6600
		Arya Nagar					4	2400
		Ghirai	1000		-	0.80	4	2400
		Behabalpur			-	2.00	60	33000
		Bhatol Jattan	-	•		0.40	5	200
		Harikot		•		0.40	6	3600
		Dhiranwas	-	•	-	1.35	20	14000
			< 10	200	-	1.20	7	
		Narnaund	6.40	320	224000			
		Agroha	-	1.7	30	1.20	20	11000
		Kabral		-	470	0.80	12	7800
		Balawas			1.50	3.20	32	17600
	Estate 1	Moda Khera	-			0.40	10	6000
	Fatehabad	Kanheri	0.80	50	29000		*	
		Jamalpur Sekha	1.40	70	42000		-	- 2
		Chimo	1.40	105	63000		*	7.5
		Jhandli khurd		-	7	-		
		Jakhal	2.40	192	134400		**	123
		Jakhal	2.40	170	102000		*	
		Dariya Pur	1.20	84	50400	+	*	
		Nehla			27	0.80	12	6600
		Dhabi kalan			87	0.40	6	3300
		Matana		-	94	+	-	
		Bhattu Kalan	-	27	-	0.40	12	6600
		Aharwan	5.00	250	218750	-	-	

Zone	District	Holdings	Pa	ddv		4	Bajra	
Lone	District		Area (Hects)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	(Rs.)
1	2	3	4	5	6	7	8	9
Western	Sirsa	Malekan	-	-	100			
A CONTRACTOR	127.000.02	Abholi			<del>12</del>		53	2.75
		Sultan Puri			· ·			
		Umed Pura		-		0.40	6	3600
		Bhawdin	1.80	140	70000	-	**	10.00
		Sanvat khera			9+	-	*	-
		Panihari	1.4	14	19	-	*	8.5
		Nejia Khera	4	-	14	*	*	
		Sahuwala	<b>4</b>		*	*	200	
		Banwala		(4)	*		*	
		Odhan -				*	-	
		Ding	4.00	240	151200	*	×	7
		Thiraj	-				- 3	7
		Chhormar Khera				£	*	

husa) Cotton (Desi)				Pulses (	77	ses	Pul		aize	. M
Value (Rs.)	Yield (Qtls)	Area (Hects)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	ield (Qtls)	Area (Hects)	Value (Rs.)	Yield (Qtls)	Area (Hects)
20	19	18	17	16	15	14	13	12	- 11	10
	-	-	*	-	-	-	-		-	
		THE I			*-	**		70		
	-			125	-	- 50		7.5	7.0	
		Jan		1.0	+2	**		79	7.6	•
1260	7	0.80		2.8		ŧ		3	70	•
720	4	0.80		4	7,77a	* H	41.0	18	1.7	5
	-			17	F2	50	*	50	/.==	30
		*		-		5.5	-	*3		1,73
	*	-		-75		-0	*	**	100	-5.
	+	Mark Street		-			7.	-		150
	*				0.00	196		7.0	3.73	20
40.00	20	2.00					*		3.5	12.
4350	30	2.80	-	-	- 1	-	- 0		100	-
4350	30	2.80	-		-	1.51	-		858	
	-		-		-	7.80	_			· ·
		-	-		100				50 <b>-</b> 0	3.5
						200	-	-	20.00	
	-	-			-	-	-	(*)		2.0
	23	40		2	199		10.00	7.00		1.5
	20	- 2						7.es		12
	28	-	-	-			*	2.60		1.7
	£8	-	24.5		290		-	(9 <del>4</del> )		82
	28	40		*			89	7.0		27
	53	20					-	0.00		22
	23	+			-		*	0.00		100
				+			*			25
360	2	0.55					+0			12
340	2	0.40		-			*			
	•		(+	-			-		*	35
720	4	0.40	-		-	. +	*			<del>20</del>
	-	=3		-	-		20	•		35
		-	19	-	-		*	383		27
				•	-		*		30	
		-		-			**		170	-
			33	-	-	-	- 5		190	
		-		-	120				-	-
		-			-		2			-
7200	4	0.20	-	2		-			-	-
1200	-	0.20	5.	2	540	-	-	-	590	33
		-	84	2			-		-	-
1760	11	0.80		-			+1			**
		0.00	-2	2		-	45		*	
28800	18	0.80	-		-	-	-		*1	9
101311116	-	W. 2007							200	

		Cotton (Desi)			Pulses				aize	M
Value (Rs.)	Yield (Qtls)	Area (Hects)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)		Value (Rs.)	Yield (Qtls)	Area (Hects)
20	19	18	17	16	15	14	13	12	11	10
	7	: :	-	-	-		-	•	-	
		: ±:	7	*	39	+		4.0	12	-
			*	*	2.4	-			-	
	100	-		*	1,41	2	2		5	2
	3.53		-	*		-				2
	150			*		-	4			12
					-	5-	-		127	3
			**	+	•	-	56		120	2
	51		28			22	- 1		12.7	-
	53		100		-		1.0		122	
8960	56	3.20	· *	- 36		0.2	12			
	7.9	*			0.40	94.7	200	112		
	73	±1			( * C				1020	
	-		-	34	0.40			10.00	2	

	n (Americ		Cotton Sticks	Su	garcane (Cane &	& Seed)
Area	Yield	Value	Value	Area	Yield	Value
(Hects)	(Qtls)	(Rs.)	(Rs.)	(Hects)	(Qtls)	(Rs.)
21	22	23	24	25	26	27
-		-				de f
250	*	-		8.0	- 1	- 0.50
27		-	-			1.0
	1.0	-			- 5	1.55
2.5		#	1000	12	- 5	- 951
28	199	* *	1000	10		•
0.80	10	18000	400			•
œ	*	=0		500	57	
		-			- 5	
	-		21			326
	*				(B)	123
-			100			200 m
-		-	2100			32
-	~	-	2100		ž.	(20)
			2100			
-		200	0.20			
1.00	15	30000	2700	2	-	2. <del>**</del>
13 NOSC:	*	30000	2700		73	S#
1.20	18	32850	1400			2.
0.70	6		1400		70	1.7
0.80	8	11880	1200	*	54	?*:
0.40	4	14880	1000	*	70	
		8000	240		7:0	
1.20	16	32000	2880		25	
0.80	8	16000	1440		**	
2.00	-		-		1.00	
2.00	30	55500	2500			*
1.60	18	36000	3240			-
1.80	12	24000	1800	-	3.53	
1.20	6	12000	1440	-	: <del>-</del> :	-
2011			-			
3.20	32	62400	2760	-	200	-
4.40	60	120000	10800	-	2000	
			-			-
6.80	34	68000	10000	-		
		-	1		1.00	
		9	12		-	
-	(4)	-	12		-	
	-	-	2	-		
0.20	4	7880	200	2577	2-857 2-87	
		100000000	500		3.50	75
2.20	64	115200	1500	550	120	F2
2.60	34	67320	1100	47		•
0.80	12	21600	1800		-	*
5.00	90	189000	5000			
3.20	64	108800	3000	3	98	
-		100000	5000		26	
		-	7)	-	-	( e.

		Seed)	me (Cane &	Sugarca	Cotton Sticks	Y	merican)	Cotton (Ar
0.	Value (Rs.)	(BRI)	Yield (Qtls)	Area (Hects)	Value (Rs.)	Value (Rs.)	Yield (Qtls)	Area (Hects)
	27		26	25	24	23	22	21
	+			0003	1000	37500	25	1.00
-			-	70.2350	1000	18000	12	0.90
	-			0000	1500	43200	24	1.20
	+		(7.0)	25015	08.0 .#	on its	(***	(0.00)
	-		(7.0	1. S.		4.4		
	7.5		450	1 120	2000	21720	12	1.80
	H 5		-	0.002	3000	72000	40	2.80
	7.		120	00235	2000	50400	28	2.20
	5.			02.00	7000	151200	84	5.60
	-		•	00138	7500	216000	120	6.00
	-			00.25	5000	117000	65	3.60
	2			000	2000	129600	72	3.60
	-		*	500s*	9000	230580	126	7.20
	<b>C</b>			0000	7500	83250	45	6.00

	een Fodder	10	Stalks of Rice, Jowar,	Other	Crops .		
Area	Value		Bajra, Maize & Sugarcane		Value		
(Hects)	(Rs.)		Value	(Hects)	(Rs.)		
10	EH)		(Rs.)	1070	Call Car		
28	29	362	30	31	32	13	
(*)			7000	0001	766772	2.5	
590	0.00		3500	0.40	1500		
196	2.00		3000	0.40	3000		
			1625	0.80	2400		
0.40	4000		-	0.00	2400		
-	2.00		- 1	2000	000000		
0.40	6000		2000	DET.	00013	Op.	
0.40	5000		2500	00000	004-34		
			2250	1.60	3600		
0.40	6000		2000	1.00	3000		
22	0000		3000	0.80	4000		
22	-		3200	0.80	4000		
12			3000				
12				- A 1 PL PA	15000		
			3000	0.80	15000		
	-				-		
0.10	2000		1600	0.45	-		
0.10	3000		2000	1920	20		
0.30	8000		700	1000	-		
0.10	2000			1124	-		
0.20	4500		800	0.40	4440		
0.20	4000		1200	0.40	4440		
0.40	7000		2400	0.40	6400		
0.20	4000		600	0.40	2000		
0.30	6000		1050	0.40	3000		
0.16			5400	0.00	10100		
0.40	3560 7000		800	0.88	12480		
0.25			900				
0.40	5000		1200	0.00	7		
	7000		2000	0.80	8		
0.40	10000		8000				
0.80	20000		1600	1.60	20720		
0.40	8000		3000	2.40	27000		
0.40	2000		6000	5.80	80000		
0.40	8000		11800	4.80	72000		
0.20	4000		1000	•	7.5		
0.20	4500		1500		70		
0.20	4500		1500		-		
0.00	41		4500	2.00	35000		
0.20	4000			17.0	7.0		
0.20	4500		1500	-			
0.20	4500		4500	1.5	54		
0.20	3000		900	-			
0.40	10000		2480	2.00	19600		
2.20	5000		320	1573	1 194		
0.20	4000		6500	1.80	42000		
0.60	12000		6000	0.00	0.63		

No. of Little Control	rops .	Other C	lks of Rice, Jowar,	Sta	der .	Green Foo
	Value (Rs.)	Area (Hects)	A. Maize & Sugarcane Value (Rs.)		Value (Rs.)	Area (Hects)
The state of the s	32	31	30		29	28
	eturo -		•		- 1	E 1111
	11/1	5 114	*:		3500	0.10
		515			4000	0.20
	15000	1.40	1000		6000	0.20
		•	2000		4500	0.20
	4350	0.80	300		4000	0.20
			7 .		10000	0.40
			*		5000	0.20
		*	10.5		9000	0.40
			AT I See		7000	0.40
		**			10000	0.40
	V		5000		10000	0.40
	4350	0.40	300		10000	0.40
	48000	3.20	3000		20000	0.80

Zone	District I	loldings		Paddy		Ba	ira	
	self.		Area (Hects)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)
1	2	3	4	5	6	7	8	9
Southern	Faridabad	Likhi				0.40	6	3000
		Bhupgarh			_	0.80	1	600
		Prithla	-		-	0.60	10	6000
		Prithla	-			0.80	10	6000
		Midkola				0.80	10	6000
		Nacholi	3.20	126	85680	100		UE SEA
		Nacholi	3.60	119	80920	101	-	TEAL TO
		Midkola	1.60	120	84000	0.80	10	6000
		Bhupgarh	0.80	40	24000	0.80	5	3000
		Likhi	4884886	(7.)	-	2.00	25	15000
		Sikri	4.00	200	136000	0.60	10	6000
		Sikri	2.20	130	84400			the co
	Gurgaon	Jamalpur	1709750		2 401.144	1.20	24	12240
	10000	Hassan Pur		DUOL	12	1.20	24	12240
		Hassan Pur	-	OTT		1.20	24	12240
		Khentawas		OTIO		0.40	6	3060
		Alipur	-	-		1.20	24	13200
		BondaKalan		0.000		2.00	40	20400
		Uchha Majra		-		2.80	56	28560
		Alipur				0.80	14	7700
		Pangwa	0.00		0.0	4.80	96	48960
		Mandi Khera		-		0.80	16	8800
		Garhi Harshu		-		0.80	16	8160
		Nasir Was	-	240				0.100
		Wazir Pur			*			2.2
		Bichhor					-	274
		Mohamadwas				0.80	15	8250
	Mahendergarh		8.00			0.60	7	4200
	The state of the s	Bhugarka	-			0.80	2	1140
		Sehlanga				1.00	8	4000
		Shaharpur				0.60	8	4000
		Singhra	-	7.0	-	1.00	13	7150
		Riwasa	-			2.00	16	9600
		Nangal Nunia		-		0.80	20	11000
		Satnali	10+1	-		2.80	12	6600
	Rewari	Bhandore		-		0.80	6	3030
		Suthana	-		9	1.00	8	4400
		Pahlawas	0.00	-		0.80	14	8400
		Mastapur			-	0.40	10	5150
		Manethi	-		-	1.20		2130
		Kapriwas				2.80	25	16250
		Maheshwari	040	- 5	-	3.20	16	10160
		Lukhi	0.00	12		1.60	16	9600
		Nahar		-		0.80	9	5400
		Suthana		72	-	2.00	40	22000

	Maize		Pi	ilses	Admir to	P	uises(Bh	usa)		n (Desi)	
Area	Yield	Value	Area	Yield	Value		Yield	Value	Area	Yield	Value
Hects)	(Qtls)	(Rs.)	(Hects)		(Rs.)		(Qtls)	(Rs.)	CET CO. N	(Qtls)	(Rs.)
10	11	12	13	14.	15		16	17	18	19	20
				4	6400	-		800			
	-	2 01	0.40					000	-	-	-
			0.40	-	6400					1976	
-			0.40	4	6400		-	500	1000	1000	
-		-	0.40	5	8500		•			0.750	
-	-			-				*		0.75	
	-	-		-				-			
-		-	0.00	-	11200			400			
-	-		0.80	7	11200						
0.20	1.5	-	0.00	-	11000			500	-		-
-	-	-	0.80	7	11200			500 -	-	7.5	
-	-	-	0.80	6	12000			1000	-	-	-
-	2:	-	2.40	20	34000			400	**		
23	2	-			-		-	*	*	**	
	2.5	2		-				-	•	-	
	-	2	-				-	-	*		
-			-	-				+	-	*	-
		-	2	-			-	-	-		
÷.			-	2			2.5		-	-	-
			121	-			-	-		-	
- 5			410	-	-			+	-		
	-	-	•	-			-	+	-	-	-
-		-	-		2.5		20	-	*	-	-
7		-		-	-			-	-	-	-
7.	-	-		- 2				~	+	-	6
77.	-	-		27	2.0		-		-	-	2
7	-	-		20			-		-		
				-	2		-		-	-	
		-			2		-				-
+		070		- 8	23		-	-	-	12	-
*					-			-	-		-
5	-	170		-	2			-	-		0.00
-	- 5	1.50	1.70				-	-	1.60	5	8000
17	- 3		-	- 8			- 2		-		
25	27		7.0	-			2		-	-	
200	17	· •	7.0	-	-		-	-			
	3.5	-	7.5	-			2	-	-		
25		2.2	7.0	7	-		-	-	-		
5 <del>*</del>	-	822	-	-	-			120	- 52		
	-	(5.7.)	59		-			7.2			
			5	- 5				-	21		
196			*						-		
			- 5	- 5				-	2		
290	340	1.00	- 5		-				- 2	-	
100	200	-		27			-		0.80	5	790
200							-		-		

Cotto	n (America	n)	Cotton	Sticks	. 5	. Sugarcane (Cane & Seed) .				
Area	Yield	Value	Valu	ie E	Area	A .	Yield	Value		
(Hects)	(Qtls)	(Rs.)	(Rs.	) 31	(Hec	ts)	(Qtls)	(Rs.)		
21 -	22	23	24			13)				
	44	23 (11)	24	6400	25	(1/4-1)	26	27		
			New York							
		+005			-		-			
-		A. 041 C	10.00		-		2			
		H100					-			
-		-						-		
		- 001			- 0		-	-		
-		-	3.40				-	-		
-	-	- 875					_	-		
		. (7)			0.20		-	•		
-		-			0.20		-			
10	0	-			0.0			7.2		
2	-				~			2020		
-	0.11	0.20	2 3 6				-			
	2	200					-			
2	2	7.27	540				-			
		0.00	2-01				-			
	-	0.00	-			100	-	-		
-		-	-		-		5			
-	-	-	):				-			
	-		540		*					
	**	-	-				•	-		
0	**	10 <b>-</b> 01	-		2.			-		
0	-	-	-		2			-		
			-					-		
		-	-							
	-	S#3	-		127			7		
	-		-				8 =	1.5		
-	-	G#71	-		-		5 1			
*	-	0.00					7	-7		
*	-	- 2	-		-		-	17		
	2.00	5-3	-				-	-7		
-	-						5	97		
	-		-				5	45		
*	-	1-5	-				S73. =	÷5.		
-			-				1.5	- 55		
-		1 <b>-</b> 12	-				-			
8	1000		+		-		-			
	100				-		151			
	-						170			
*								-5		
	1.00	-					0.70			
-		-					17			
	* 111.1	-	2				(*)	-		
			-				0.75	-7		
**		721	1000							
*	-	-	-							

		61			
Green	Fodder .	Stalks, Rice, Jowar,	Other	)	
Area	Value	Bajra, Maize and Sugarcane	Area	Value	
(Hects)	(Rs.)	Value (Rs.)	(Hects)	(Rs.) ranted	
28	29	30 (301)	31	32	
0.40	5000	2000			1
-	-	5800	0.80	1500	
2	:4	2000	1.40	7500	
-	141	2000	1.20	8500	
	a 1	4000	1.20	4500	
0.80	26000		· -	8	
0.40	5500	141	dilli	west = = =	
2		3000	0.80	4500 Amilia X	
14	4	24500	3.20	10300	
2	343	13000	2.60	10500	
2	110000	2500	1.20		
12		5000	1.80	11500	
92		1900	Control of the last	-	
0.40	3000	2280	Jan St Hold		
0.40	4000	2280	0.40	5200	
120	0.00000	1000	1.60	26000	
0.80	13000	4500		(4.50)	
41.50	0.534	2850	2	Si .	
-	7.2	4590	-2	54	
1.20	21000		2	9	
	E-150000	7600	-	(4)	
	2	2000	2	- IIIII	
0.20	3500	2000			
2.00	32000				
0.40	8000	2	7.20	100800	
0.20	3500	3000			
1.20	16000	2500			
0.20	5000	1920	170	40.	
0.20	3000	400	12	1 1	
50	- 3	5000			
*	- 6	2000	ploat th	Antiet des	
50	2	1540	0.40	2800	
70		4000	0.40	-	
- 5		4250	0.40		
		3500			
	- 7	4000	4		
0.40	2000	4000	Held N	72	
0.40	8000				
W 18	12000	5000	1		
0.40	12000	6000	VIII.		
0.40	+000	2500			
0.40	4000	2500			
1 1	2	4000	- 11	-	
		2000			
	12.1	1200	1.00	7000	
		8500	1.20	7000	

APPENDIX - II-B

Cropped area, Yield and its Value of crops sown on Unirrigated land (Kharif) 2005-06

Zone	District	Holdings		Paddy			Bajra			
			Area	Yield	Value	Area	Yield	Value		
	2	3	(Hects)	(Qtls)		(Hects)	(Qtls)	(Rs.)		
Northern	Panchkula	Madna	4	5	6	7	8	9		
r i o i i i o i i i	Turcikuru	Morni			72	120	15			
	Vanisas Nassas		8	((E)	2	30	17	7		
	Yamuna Nagar		5		7.0		72			
Description of the	***************************************	Jubbal	5.		52		27			
Central	Rohtak	Bhali Anandpur	170		5		-	*		
		Madina	70	1100	\$		35	1		
		Bhali Anandpur	75		78		15			
	Jhajjar	Dhandhlan	3. 1	12	56		13	12		
		Dhandhlan	*		1	*	12			
		Dulehra	-	7 .	7.	0.40	3	1650		
	Sonipat	Mudlana		-		0.40	6	3300		
		Mohana	×							
		Gudha	-			-				
Western	Bhiwani	Hatempura	-				100			
		Hatempura					*			
		Dhani Hunat	-		6	2.00	100	+		
		Dhani Hunat	8			4.80				
	Hisar	Agroha	*	1.			-			
	Sirsa	Nejjia Khera	8			-	-			
Southern	Faridabad	Madkola	-		-		-			
	Gurgaon	Mandi Khera	-		-					
	Ã.	Garhi Harshu			-			2.0		
		Malab		- i		0.80	15	8250		
		Malab			-	1.60	30	16500		
		Kheri Nuh	Ser.		-	0.80	16	8800		
	Mahendergarh	Napla	24		-	1.20				
	2	God			-	0.80	8	4400		
		Satnali	202	di		1.20	4	2200		
		odulali	-	774		1.20	:40	2200		

	Maize	2567 D. T. T.	Puls	es		Pulses(Bl	iusa)	Cot	Cotton (Desi)			
Area Hects)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)		
10	11	12	13	14	15	16	17	18	19	20		
0.20	3	2100	7.0		-	-	*					
1.21	8	6400		-	-			30	*			
2			198	- 4	*	+	(6)	20	120	2.7		
-	-6	4.1	-	2	*			*	**			
-	21	9				*	0.00			17.		
9	2	-	20			0-2	#2	0.00	10.5	*		
Q		2	45	1.0	16	$\times$	*0	(€:	*0			
-		2	£	~	54		*:	0.00	*	100		
2		3			154		93	*	ŧ	1		
100		3	25		(9)	-	*2	*:	*			
12		14	2	- 3	-		**	-	8	0.00		
100	্	15	9				8	*	*			
14	8	12	-	1.0			8	*	15			
(2)	-	-	-	34			:=:	*	100	÷		
12	12	4	-	<b>\$</b>	-		*	+		5		
-	2	-	12	120	(*)	963	9	*	1.0	*		
	12		2	-	*		34	-		*		
		0	3			-	-	-	$\approx$	*		
		7.5	82		2	47	9	*	2			
		7.2	0.40	4	6400	*	÷÷	*	39			
5.75		629.0			23	23	24	38	39	-		
-		23	-	102	2	2	4.7	74	-			
-			-	0.0	ÿ	*	-	÷		>		
7.		-	-		2	-	-	-				
-			-	20	÷				-	15		
	T				÷		949	-		39		
			1/2	-	1	-	-	-		9		
		2	-	2		12				))		

	(American		10	Cotton Stic	ks	. S	ugarca	ane (Cane	& Seed)	170	
Area (Hects)	Yield (Qtls)	Value (Rs.)		Value (Rs.)		Area (Hects		Yield	Value	DOM:	
21	22	23		24 01	(1)	25	/	26	27	<u>chr. i</u>	Billion
	-	*:		3.4		~					
*	*	*(		4.0		-		2			
32	<del></del>	-		6911		2		2			
*	*	(6)		92		2		₽.			
	+:			34		2		2			
				9		25		2			
-				82				8			
:#	-	-						8			
				23		1.0		8			
						-		5	•		
	-			-		-		*	•		
-	-	+		52		-		5	57.00		
*	-	•		S.		2.0		-			
×	3-0	+		ã.		- 8		-	0.70		
-	140	-				-		50	(2)		
	-	-		2		- 8		20	1820		
×	80			2				-	200		
-	14/	+						-			
	140	1		2							
2				8				72			
4	12.5					E 2		•			
				-				=0			
-	-			•				*	*		
*		-		3				100			
	2.1										
4		-		•				- 5	17.7		
	-										
									i de		
2	-										
						165.9		-			

	en Fo				ks of Rice, Jowar,		rops	020
Area		Value			a, Maize & Sugarcane	Area	Value	
(Hects)					Value	(Hects)	(Rs.)	
28	(Sits)	29	Supply Columns	military.	30 mail	31	32	
20	1000	4.7	0	1111971	- 1	- /	-	
						supply max	iifiidh	
1		-			194-1			
0.10		300			7.00	ALL PROBER		
and a		4.1			00.5	Bluddigala	4.7	
725		120				(#A)	40	
1					200.1	_1102	27	
WV.		-			-	mich shudd	-	
		-			3,80	A referred	*	
		-			810 B	- 1119	2	
					200	10 10	10000	
0.00		0000				TIST NOT		
0.80		8000			1000	Elimi X	-	
		-			57.5	2 145	-	
- Stor		-			40.0	Latting Philips	-	
103		-			1600	1.60	24000	
					1600	1.60	24000	
		50			1000	1.60	2,1000	
*		8			The e		-	
117 1		7.1			e2.5	3.20	32	
7.4 m						Unlims		
		_			711.	0.80	12800	
							1 = 3.838.8	
-		7.7			74.8	and the second		
-					4.7.5	3-11व		
1.20		13000			2500	Honland	authdatus	
1.20		15000			6000	+ Intl	-	
		15000			2.80	Champer	127	
1.20								
2.00		23000			3000	wanthur.		
-		27			-04.L	Kemoda Chandie Jates	-	
1.0					2160	AND B	-	
					600	120	4200	
elici "	III		ON (SEA)	250		C CHERRY	10000000	
1107			ODENA Davis		1.50			

## APPENDIX - III-A

Cropped area, Yield and its Value of crops sown on Irrigated Land (Rabi) 2005-06

Zone	District	Holdings		Wheat		11.12	Wheat (	Bhusa) .
			Area	Yield	Value		Yield	Value
_			(Hects)	(Qtls)	(Rs.)	DE N	(Qtls)	(Rs.
1	2	3	4 -	5	6		7	8
Northern	Ambala	Sain Majra	1.50	60	42000		60	10800
		Samlehri	1.40	37	25900		35	5250
		Kodwa Kalan	2.00	85	59500		75	15000
		Bhurewala	2.20	54	37800		54	10800
		Kesopur	2.20	65	45500		65	13000
		Alipur	1.20	50	35000		50	7500
		Sullar	3.00	98	68600		98	14700
		Kapoori	0.40	16	11200		10	1500
		Khudda Kalan	2.40	60	42000		60	9000
		Mohra	3.40	100	70000		100	15000
		Patvi	2.60	90	63000		80	16000
		Barara	5.00	167	116900		167	30060
	Panchkula	Madna	0.40	12	8400		12	1500
		Tiba majra	0.70	38	26600		35	3500
		Bharoli	1.70	35	24500		35	8750
		Kiratpur	2.92	65	45500		65	9750
		Surajpur	2.40	80	56000		40	6000
		Garhi Kotaha	2.40	84	58800		80	12000
		Barwala	3.00	105	73500		100	15000
	Karnal	Bazidpur	1.33	60	42000		60	9000
		Bijna (id. 1	1.50	70	49000		70	10500
		Fusgarh	1.50	75	52500		45	5625
		Bazidpur	2.20	105	73500		105	15750
		Bijna	2.50	116	81200		116	
		Uplana	2.50	110	77000		54	17400
		Dadupur Roran	2.80	140	98000		140	7720
		Dadupur Roran	2.70	135	94500		135	17500
		Padhana	3.20	140	98000		140	16875
		Padhana	3.20	136	95200			21000
		Fusgarh	2.74	125	87500		136	20000
		Uplana	5.30	240	168000		125	15000
	Kurukshetra	Sandholi	2.00	75	52500		145	18850
		Bint	2.20		63000		25	3750
		Dhantori	2.80	133			90	10800
		Khanpur Kolian	3.60	127	93100 88900		100	15000
		Jandhera	1.40	63	44100		70	10500
		Kamoda	4.00	160	112000		65	6500
		Chandun Jattan	4.40	210	147000		120	18000
		Berhan	0.80	32	22400		200	22000
		Phalsanda Rangran	0.80	26	18200		30	4500
		Sarsa	6.32	260			30	4500
	Panipat	Hathwala	1.50	58	182000		50	7500
	0.001100000	Diwana	1.60		40600		58	5800
		Sanoli Kalan		70	49000		70	7000
		Sanoli Kalan	2.20 2.40	100	70000		100	10000
		Didwari		90	63000		90	9000
		Naya Nara	2.20	80	56000		80	8000
		Jhati Pur	2.70	126	88200		54	5400
			2.80	82	57400		82	9020
		Hathwala	3.00	120	84000		120	12000
		Kurana	3.40	157	109900		157	15700
		Adiyana	6.00	280	196000		280	28000

Zone	District	Holdings	E STORY	Wheat		Wheat (B	husa) .
		(a) (a) (a) (b) (a) (b) (b) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)
1	2	. 3	4	5	6	7	8
Northern	Yamuna Nagar	Mustamabad	2.10	75	52500	75	7500
		Sabepur	1.10	42	29400	36	5040
		Bheel Chhappar	2.00	50	35000	50	6000
		Jubbal	1.68	60	42000	60	9000
		Sarwan	1.60	60	42000	40	6000
		Radauri	2.40	105	73500	90	13500
		Leda khash	3.00	110	77000	105	14700
		Gundiana	2.40	90	63000	90	13500
		Kanipala	4.70	176	123200	150	21000
		Dariyapur	6.00	180	126000	180	27000
		Dorrang	3.60	135	94500	90	12600
		Balachaur	10.00	400	280000	375	52500

	Barley		Barle	y (Bhusa)		Gra	um	Gram (Bhusa)		
Area (Hects)	Yield	Value	Yield	Value	Area	Yield	Value	Yield	Value	
	(Qtls)	(Rs.)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	
9	10	11 1	12	13	14	15	16	17	18	
2	- 12	2 4		- 7					-	
-2	13			(L)	2	1	1 . a	-	11.5	
HČ.	54	Mile		( <del>c</del>	3.0	I Est		*	38	
1123		S House		9.7				27	27	
29	-		7	201	*			*		
	- 5	DOUTEC)	IDS F	57,1	-		n e	9		
ş:	12	\$ 100			3.53		**		9.5	
	12		- 5	15			-		- 1	
2	2	2 1111 10		164 W	100	100			- 15	
2	22	. 101		0.1	2550		= ==		- 6	
27		3				-				
27				(B)	-	-				
2.5	.19	- 004		100	100					
20	-	8 00	4.6	1271.0		*	-		-	
27	-	\$		22		_	-		39	
	-	\$ DO:	71		(*)		40.00	9	-	
		2	7.0000	(0.0)	-		nine) +1	9		
-	-				-					
*	37	7	-	25	198		-0			
7			- 5		*		51		59	
3.5		.a.		125		-	+3	98	3.0	
7	55.	8	-	17	3.00	*	**	*		
53		2	*	20		0	*	- 1	-	
50	-	ే		2.5	390	-	-		~	
2.5	77	2		25			-	*	-	
7.5	-	10	*	100		*	-			
55	.5.	\$				*	**	8	-	
53			*				+3		-	
-	13	8			1.7	-	-		-	
-	0	-	-	25		-			396	
*:	*			2.7	1.00	-	. *	-		
	-	-	-	10			#5			
-	-		-		-					
			-			-		9		
55	*		*		-	-	-	*		
7.5		-		200	0.40	5	10500	-		
15	-			28			160	€		
25	77	*	*	36		-	4.5	~		
E3	*	3	+	-		-		-	-	
20		8	-	35		(e)	( i= )	-	-	
***	15			3.0	- 4		-	+	-	
<u>#3</u>	7			37		-		*	2	
=	*		-	-		7.40			Ş	
60		-	-		7.4	-	*	9	~	
*7	*			19		-		-		
57	*	3		39		0.00		9	-	
±0	-	3	-	16	-	-	-	=	-	
	100	-			-	96.				

	Barley	ALD.	Secretal District	Barley	(Bhusa)	200	the Late	Gram	1,000	Gram (B	husa)
Area (Hects)	Yield (Qtls)	Va (R	lue s.)	Yield (Qtls)	(Rs.)	e 18.	Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)
9	10	000/11	0.20	12	13	08.0	14	15	16	17	18
( <u>0</u> ) a	2	00501	2.01.0				•	2		1	12
			1120 -		-			25	SIDIT		11.5
-			ş III II					-	-		
			2 01 11	-				-	-		-
-			. 00		-			- 2	-	-	
-			THE	0065=	UE, _		-	-	-		
III Ş III	-		_ 0x11	DOING I				-	DUI		-
10.10	-		- 11				-	-	5	-	-
			_ HE //	100%	LL.		-	-	70	170	-
			_ NO. B		- 0		-	-	-		-
-	-		-	-	0.70			-	-	-	-
- 2	0		. 111.13				-	-	_	-	

crops	Other	dder	Green Fo		ilseeds		Bhusa)		11.7	ulses	
Valu	Area	Value	Area	Value	Yield	Area	Value	Yield	Value	Yield	Area
(Rs	(Hects)	(Qtls)	(Hects)	(Rs.)	(Qtls)	(Hects)	(Rs.)	(Qtls)	(Rs.)	(Qtls)	(Hects)
30	29	28	27	26	25	24	23	- 22	21	20	19
	127 193	10000	0.50	TOUR.	111			111	1(2)	0000320	100
	0 23	8000	0.20	14000	10	0.80	- 1			- 20	5.0
		10800	0.40		-	*	-		-		2
		5000	0.20	199	-				3000	6	0.30
		15000	0.60	100		- 82	-	±3	1.57		12
	-	4000	0.20	2.40		-	-	*:	0.74	-	//2
		4000	0.20	-	-		-	4.1	276	-	59
	2.5	5000	0.20	45000	30	1.60	-	2.5		-	- 2
1000	0.30	16000	0.80	6000	4	0.20	*	5.5	700		0.10
10600	2.00	¥6				*	-	50	1.77		12
25555		8000	0.20	19600	15	1.00	~	50		17	
	-	8000	0.20		3.0	*3	~	*		0.00	
		140	40		2.5	F.3		100	0.50	3	-
2240	0.70	8000	0.30			+1	20	100	:50	- 3	-
800	0.66	1500	0.04		-						
-Calles		15750	0.28		38	100	25	-	: ±3:	1.7	-
		5500	0.72	-	-		**			8	
687	0.40		-	9600	8	0.40	*			170	
		10000	0.40	6900	4	0.40	*				
	7.0	5000	0.12	14	-	-					-
		6000	0.20	147	-	i led	-			:2:	-
	020	2000	0.10	3200	2	0.10	- 80				-
		7000	0.20	2200	-		**				-
	323	3000	0.10	-27			2				
	000	10000	0.30				40		0.00	-	-
		8000	0.20				2		0.00		-
	-	8000	0.30		-		20			-	-
200	0.40	12000	0.40	00		1920	2-		-	-	-
4000	0.40		0.40				-		-		100
4000	1.20	12000	0.16	- 5		792			-	-	-
	0.10	3200	0.10	10	-		20		590		*
	-	10000				NGE:		-		-	**
		2500	0.10			2.50		-			-
0.750	0.20	5000	0.20			0.00	50		-	-	-
2450	0.20	8000	0.20	1.0		0.00	- 2	1000	100		-
		5000	0.24		0			200	250		-
		5000	0.20	00	-				120	-	
	-	18000	0.60	52		9.84	-		127.7		
20000	2.40	16000	0.40	46500	31	1.80	#0 20		520	-	-
200000	2.40	8000	0.40			2.20	-	200	-71		
	-	5000	0.20	51000	34		-				
		5000	0.20		-		-				
	721	2000	0.10		-	2.00	-				
	720	5000	0.20	8	-	-	-	-	-	-	-
	-	-		54	-		+0		1.5		-
	-		0.70	- Si	-		*:	7-0	-		-
		6000	0.20		-	2.43	-	(*)		*	
		2000	0.10	32	-			640		99	
		6000	0.20	100	<u>_</u>		*	-		99	-
		6000	0.20		-	+	*	-		-	*
	-	6000	0.20	Si .	4		+	-	-	+	*
	-	8500	0.20	-	2		*	-	-	-	-

Pu	Ises		Pulses (	Bhusa)	(	Dilseeds		Green Fo	dder	Other	crops .
Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Value (Qtls)	Area ( Hects)	Value (Rs.
								27	28	29	30
19	20	21	22	23	24	25	26	21	.20	29	- 20
	0.0		00051	- CO - 12	0.10	1	1700	0.15	6250	-	
17/12	9.0		17455		0.10		1,00	0.10	3000	-	
	100		20105	\$10.00	0.00			0.10	3500		
- 5		F 5	MI II	1	0.08	3	4500	0.40	10000	0.08	360
			200 mg 1	OI .	0.00	14	14000	0.20	4000	0.40	1000
8		11	Phone 5	VALUE OF	0.00	14	14000	0.40	14000	0.40	5400
					16		-	0.60		0.40	2400
-	17			11	1/0 7	-			14000	-	
- 5				11.1			-	0.80	16000		
170		1972		1111				0.40	16000		
-		-					4		-	1001000.00	
-	-	74			2.00	50	85000	0.80	7000	0.80	4400
	17%		PART T		THIS	•	-	1.20	25000		

Zone	District	Holdings		Whea	t	Wheat	(Bhusa) .
			Area	Yield	Value	Yield	Value
	CHEE THE		(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)
1	2	3	4	5	6	7	8
Central	Jind	Dalamwala	1.00	50	35000	50	5000
		Naguran	1.50	60	42000	60	6000
		Palwan	1.20	42	29400	42	4200
		Khanda	1.80	72	50400	72	9900
		Uchana Khurd	2.10	80	56000	80	6400
		Kalwa	2.20	90	63000	90	9000
		Rajhana Khurd	2.48	100	70000	100	10000
		Karsandhu	2.50	114	79800	114	17100
		Ujhana	3.00	120	84000	120	9600
		Ujhana	3.40	130	91000	-	5200
		Kilazafargarh	2.50	100	70000	100	10000
		Desh Khera	3.50	150	105000	100	20000
		Bhadurgarh	6.00	264	163800	234	23400
		Barah Kalan	6.70	200	140000	194	19400
	Kaithal	Rajaund	0.60	30	21000	30	6000
		Chhot	0.60	30	21000	30	6000
		Harigarh Kingan	1.80	100	70000	100	25000
		Kharak Pandwan	2.00	90	63000	80	14400
		Dhand	2.80	112	78400	112	16800
		Barot	3.20	125	87500	120	18000
		Harigarh Kingan	3.60	160	112000	160	16000
		Mohna	4.00	180	126000	180	
		Kithana	4.60	230	161000	200	45000 40000
		Kharak Pandwan	6.80	300	210000	300	
	Rohtak	Bhalot	0.80	32	22400		24000
	section.	Bhalot	0.50	25		32	8000
		Kheri Sampla			17500	25	6250
		Kheri Sampla	× .	*		-	
		Bhali Anandpur	0.60	20	21000	20	
		Lakhan Majra	1.20	30	21000	30	6000
		Lakhan Majra		45	31500	45	13500
		Madina Majra	1.40	56	39200	50	12500
		Madina	1.40	38	26600	38	6650
			2.40	00	-		
	Jhajjar	Bhali Anandpur	2.40	80	56000	80	24000
	majjai	Matanhel	1.40	29	20800	29	5800
		Dhandhlan	1.00	40	28000	40	8000
		Dhandhlan	1.20	38	26600	38	7600
		Matanhel	1.20	29	20300	29	4350
		Salhawas	0.80	32	22400	32	3200
		Salhawas	0.80	28	19600	28	2800
		Hasanpur	1.20	48	33600	48	9600
		Dulhera	1.20	50	35000	50	10000
		Dulhera	2.40	108	75600	108	16200
		Hasanpur	1.20	46	32200	46	9200

Zone	District	Holdings		Wheat	i	Wheat	(Bhusa)
62.9)	Helps Hinst		Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)
1	2	6. 3	4	5	6	7	8
Central	Sonipat	Chindana	1.00	40	28000	40	6000
		Nirthan	0.80	32	22400	32	6400
		Ahulana	1.00	32	22400	32	6400
		Panchi Jatan	1.20	48	33600	48	9600
		Khewra	1.60	72	50400	72	12600
		Mudlana	0.60	25	17500	25	5000
		Rohat	1.32	53	37100	53	10600
		Bhigan	1.80	80	56000	80	16000
		Kheri Dhamkan	2.00	80	56000	80	12000
		Rai	3.00	120	84000	120	24000
		Mohana	2.60	128	89600	130	19500
		Chitana	4.00	160	112000	160	24000
		Gudha	3.90	160	112000	160	24000
		Kasanda	4.20	200	140000	200	40000

	Barley		Barley (I	Bhusa)	The state of the s	Gram	2	Gram (1	Bhusa)
Area	Yield	Value	Yield		Area	Yield	Value	Yield	Value
Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)
9	10	11	12	13	14	15	16	17	18
7.4	-			-		- Amh	-	- IIIIo	11111020
		-		-	***	-			-
					1000		10	-	
	1.00			_	-		-	-	-
	-			-			-	-	
477	-	-			160	100		-	
	4.1	-		-		-		-	
-	+3	*			-	-	MID	9	
	-	-				medu		-	-
-	23			11.0	*			-	-
	2.5	-			0.10	1	2000	1	120
	-	2	- 11	4	*2	-		-	
		4.5	-	C# THE	*:			-	
0.0		80	2017	. 112	-	41	(II)		
260		48					-	12	8
	-	**			*		1.0	1.7	-
146	-	2		-	*		1 -	0.5	
43	14	~			-			55	1
45	-	*		-	*			÷71.	-
25		*				1.61	**	270	-
2.7		-			-		52	-	
23	-	-	-			58	*3	120	- 5
23	9	-	*			- 2	<b>2</b> 9		
4	2	-	- 82		38	7.0	**		
22	2	2	#8		38	+3	8		
23	9	-	*3	(0.00)	9	+3	=	C*3	
**		154	900	4	+	- 1	75		7
0	94	-			5±	*	75		
0.20	3	2100	3	600	19				- 5
-	4			+ 1	37	*	-		· ·
9		G4	*	20	-	36	*		87
2		100		*		-		5 %	37
€		74		+0			~	5	100
-	543			*			್		27
9			-	~		-		*3	25
8		-	-	~		17		*	-
-	-		12	10000	-	78	-	*	1.0
0.40	6	3600	5	625	•	3	39	*	
			2	+			54	*	
(57)	-	223	S <b>∓</b>	-			3	*	
-		-	92	9			(#	*	2.2
	-		32	3	**	100	3.5		-
-	-	-	-		+ 1	(4			
-	. 2	-		· ·	-	1.4	-		-

				- 4	75				
	GLE I				A.				
-	Barley		Barley	Bhusa)		Gram	Helifet.	Gram ()	3husa)
Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)
9	10	11	12	13	14	15	16	17	18
	-				-	-	-2	2	-
270		*		- 2	-	54	-	-	
-	()		-		7.63	-		- 4	
200	. *:		11.0	-			1.0	-	
21	.=:		54	*	-	14	-		-
-		-	- 6			54	100	<u> </u>	100
7		-	52	*	160	100	S-	25	1
-	-		-	+			-	9	
9		*	-	-			-	25	
( <del>*</del>	*	-		-			14	9	120
3					1.6	-	-	2	
ं			+	9		-	-	24	120
			-	-	7.42	2	-	9	- 2
- 5	-	-		-	4	· ·		-	0.20

Pı	ises		Pulses (I	3husa)		Oilseed	S	Green Fo	dder	Other	crops
rea	Yield	Value	Yield	Value	Area	Yield	Value	Area	Value	Area	Value
ects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)	(Hect)	(Qtls)	( Hect)	(Rs.)
19	20	21	22	23	24	25	26	27	28	29	30
	20	Mag.	1014	-			11112	0.10	1000	-	
- 3				-/511	4			0.10	4000		
3. 11		31 352	9.657	8 1	0.40	5	6000	0.20	2000	0.20	600
8	-3		100	-	0.40	~	-	0.20	8000	-	
2:				- 3	- 5			0.10	1000		
-	3		-	7.		- 3		0.20	5000		
23	35		- 3	- 5	- 2	- 6		0.16	8000		
	83		-	170	-			0.20	4400		
-	27			- 7.		- 7			8000	3.0	
-			3.5	*	-	77		0.20			
7	2.75	*			2 -0		1.2200	0.20	8000	0.10	1500
+	1.5				0.70	8	14600	0.30	12000	0.10	1500
+			*	171	0.30	4	8360	0.20	4000		
7	2.0						0.75	0.40	16000		
-		1.00		12	27	527		0.20	6000		
-	-				15	17.0	0.77	0.20	4000	-	
7		* .		20	200			0.20	5000	2	
	3.	=				-	1.2	0.20	5000	-	
-	-	60		25			1.70	0.40	8000	-	
-		+1				+		0.40	8000		
	140	+1		-				0.40	8000	- 1	
S-2	2.00		-	-			**	0.40	10000	-	
5 <del>2</del>		40				-	-	0.40	8000	- 2	
-	100							0.20	4000		
22	-	-	-				-	0.40	8000	-	
12			20		7.0			177.5 (375) ;	7730 1747 ()		
	50,700		- 3	120	0.50					-	
					0.80	6	10275	0.20	4200		
5.77			- 50	-	0.80	8	25920	0.20	7500		
-	( 6.				0.00		20720		1500	134	
-	<u> 7. i</u>				0.20	2	4000	0.20	3000	- 2	
-	*	-			0.20			0.20	3000	55	
	**	-	-		0.40	1	1950	0.20	3000		
-	- 23	-		•	**	-	-	- 5	3		
	*3		+		*	-	- 1	2			
	*			+	*	-	3	*		-	
	*			+	*	*					
		3.0			*	-	-	0.20	7000		
	*	· ·		-	*	*		**	- 3		
	*	Ę+		-			C-TOMPESS				
20	+	5+	1.0	+3	1.20	22	39730		=	- 2	
45	-	-	3.5	+1	1.20	20	36300		22	+8	
-5	1	141	1.4	25	1.60	16	29440	-	- 12	87	
23	12	4.0	59	+3	2.00	40	71100		:=		
<u>\$</u> 8	-	-	54	- 25		- 2		- 1	-	25	
		-	- 2	2.5	2.20	24	71160				

P	ulses		Pulses (B	husa)		Oilseed	S	Green Foo	lder	Other	crops .
Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)	Area (Hect)	Value (Qtls)	Area ( Hect)	Value (Rs.)
19	20	21	22	23	24	25	26	27	28	29	30
						DK:	-				
-			-	-		1.0	*	0.20	7500	-	92
+			+		- 5			-			
Ψ.,	- 3	-		- F	14			127	926		- 8
~	<b>6</b>		+	-	- 2	15			723		- 3
	- 5		-	-		1.0		-		-	
0.80	25	25000		-	- 1	34		0.08	2000		
+					5.	- 12	-	0.40	15500		1
-	3.2	-		¥.	2		12	0.40	16000		
-	59	-	-	Ψ.,	2			0.20	7500		
140	52		-		1.0	-	2	1000	-		
2	54	200	-		2	12	(2)	0.08	2000		
+	34				- 5		200		•		
	1.0	-	-		0.80	16	28200	0.20	4000		

Zone	District	Holdings		Wheat		W	neat (Bhusa)
			Area	Yield		Yield	Value
1	. 2		(Hects)	(Qtis)	(Rs.)	(Qtls)	(Rs.)
Western	Bhiwani	3	4	5	6	7	8
estern	Olliwalli	Chandeni	1.20	36	25200	40	6000
		Gignow	0.80	18	12600	18	3150
		Gignow	0.80	38	26600	38	6650
		Bhariwas	1.00	20	14000	20	2500
		Jattu Lohari	0.80	24	16800	24	3600
		Jattu Lohari	1.00	12	8400	12	3000
		Chang -	0.80	25	17500	25	4000
		Loharwara	1.60	50	35000	52	7800
		Bhariwas	-	-	-	- 54	7000
		Chang	2.80	110	77000	110	11000
		Loharwara	2.00	60	42000	60	
		Chandeni	1.60	60	42000	60	12000
		Sagwan	4.40	176	123200	176	9000
		Sagwan	4.40	176	123200	173	35200
		Dhani Hunat	1.20	40	28000	40	35200
		Dhani Hunat	1.60	55	38500		8000
	Hisar	Litani	1.20	51	35700	55	11000
		Majra	1.60	72	50400	51	7650
		Pabra	1.60	56	39200	75	15000
		Sarsod	0.40	15	10500	60	12000
		Chikanwas	1.10	40		15	3000
		Data	1.80	67	28000	40	8000
		Bhatol Jattan	1.40	49	46900	67	13400
		Arya Nagar	1.80	63	34300	49	9800
		Ghirai	2.50	112	44100	63	12600
		Behabalpur	1.20		78400	70	14000
		Bhatol Jattan	1.80	48	33600	45	9000
		Harikot	2.80	71	49700	71	14200
		Dhiranwas	1.20	112	78400	115	23000
		Namaund	6.40	36	25200	36	7200
		Agroha	3.80	260	182000	250	50000
		Kabral		120	84000	120	24000
		Balawas	4.00	160	112000	160	32000
		Moda Khera	0.80	28	19600	15	3000
	Fatehabad	Kanheri	8.80	352	246400	352	70400
		Jamalpur Sekha	0.80	40	28000	40	6000
		Chimo	1.40	48	33600	48	7200
		Jhandli khurd	1.40	70	49000	22	3300
		Jakhal	2.00	80	56000	80	12800
		Jakhal	2.60	110	77000	110	15400
			2.60	104	72800	104	15600
		Dariya Pur	3.40	170	119000	170	25500
		Nehla	2.60	120	84000	120	18000
		Dhabi kalan	2.00	60	42000	60	9000
		Matana	5.00	205	143500	205	30750
		Bhattu Kalan	4.80	192	134400	192	28800
		Aharwan	4.60		135100	193	24125

Zone	District	Tell	Holdings		Wheat	uffet wellert	Whe	at (Bhusa)
				Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)
1	2		3 11	4	5	6	7	8
Western	Sirsa		Malekan –	1.00	60	42000	60	12000
			Abholi	0.85	28	19600	28	5600
			Sultan Puri	1.30	68	47600	68	10200
			Umed Pura	1.30	36	25200	36	7200
			Bhawdin	1.80	120	84000	120	18000
			Sanvat khera	2.60	105	73500	105	21000
			Panihari -	2.80	101	70700	101	20200
			Nejia Khera	2.20	66	46200	66	9900
			Sahuwala	5.60	238	166600	238	47600
			Banwala	6.00	310	217000	310	46500
			Odhan	6.80	300	210000	300	45000
			Ding	7.80	310	217000	310	62000
			Thiraj -	7.60	390	273000	390	58500
			Chhormar Khera	5.20	200	140000	200	40000

	Barle			y (Bhus:			Gran	1 January	Gram	(Bhusa)	
Area	Yield	Value		Value	2	Area	Yield	Value	Yield	Value	2
(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	ATTEN	(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	
9	10	11	12	13		14	15	16	17	18	
*	MIDS	10	TAR.	420	0.9	140	-	mnjestniv	-	IIIIS	1111
*	0032	3.0	70	out -		0.80	2	4000	2	400	
-	:-:	~	-			0.40	4.		4	800	
8	0.02031	20	197	11.3		DEJ		Sultan Pint	-		
	With	- 51	10	tte. F		981				-	
0.40	I	600	1	100		174.1		Lines (num	-	90	
*	(Calle	5.n	3   20	0+8 -		08.3		nioeario	-		
**		201	no.	tev :		75.0				-	
**				-		2.69	-	Sanyar khera	-	2	
+3	1	2077	300	ror		91.5	-	Pandani	-		
-	10.7	Tet	1	chi j		ēs:	-		-	2	
+	41			10.0		V		emili diper	-	22	
+:		35	201	ieill		5 00	+	Someonid		45	
-	0.7507	.016	Col	ELE C		6.0			23	44	
-	÷	2-	-			6-0	+0	the grade		43	
-	Willey-	E10	-500	Ш2.		41.0	+3	nettax.	+1	20	
-	1053	THE	201	W		-	**		4	4.5	
-		-				-	-	Instit	143		
14	1175	250	400			- 1		13-21711	21		
0.20	5	2850	5	750				41	1.4	1.0	
*		54	-	-		jil. 1.	410	M strasgillD:	-	0.00	
	-	29	17			*	*	-		-	
-		53	17			*				(2)	
	+	- 2				*	(100)	+5	-	120	
		-		-		*	-		*	7°=	
-	-	-				0.60	4	7200	4	800	
-	-	-		27.0		*				-	
*	-	-	-			*3		-		-	
0.30	4	2600	4	1000		+1		-			
-21				*		+2		1043			
1.00	20	13000	20	2000		+2		993	140		
0.60	15	9000	15	1500		•		5 ±	-	-	
2		275	*	*		4.00	30	60000	30	6000	
77	-	-	-	~		-	-		70	A.1175.15	
5.00			-	19			2		-		
37.5	9:00		-	100					150		
	*		-			7.	-		-57	-	
	-	+	-			12	-5		450	-5.5	
2	-			34		721	-27	-	127.1	-	
5.5	100	-	-	5.2		-	120		1.0	2.5	
7.7	-		14	5.		100	-				
	(*)		-	-		1/2/	-	-			
).40	12	8160	12	1800		0.40	6	10200	6	600	
SVANS	- 1	-				7.	-	erecentality).	.2f	SEAN.	
0.40	16	8800	16	2400		12					
-	9	-		11000000		11 12					

	V. EstA						-		Carrio Cont		
	Barley	r salle	7.1.	y (Bhusa)	HEIR		Gram	DATE (SHOT		(Bhusa)	
Area	Yield	Value	Yield	Value	Ar		eld	Value	Yield	Value	
Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	(He	ects) (C	tls)	(Rs.)	(Qtls)	(Rs.)	
9	10	11	12	13	1	4	15	16	17	18	
	-		2	17		200	4	1.0			
	-	1	- 2	755			3.5	1.0			
200	72	450	F2	100		-		12			
-	100		84	11.0		2		-			
727	172	Disc.	1.2					+1	1.00		
743	927	12	15					<u>\$3</u>	19		
		25	72	100		2		23			
-	- 2	56 TH	16.	(4)		2.		23	122		
- 2	127	2	1/2	11.75		2 H	-3	23	44	4.5	
	20	2	12	117		\$ III	20	2	13	11.00	
	2.7	ş	- 52			0		21	-	43	
			62	1925		<u></u>	-	2		46	
	- 3			1 0/20		Q III. I	28	2	1.0	45	
7.4	59			100		9 (1)		€ .	- 2	- 22	
-							-				
					26						
										-	
0.51											
					12						
	1.65 641										

crops	Other	dder	Green Fo		lseeds	0	Bhusa)	Pulses (1		ulses	
Valu	Area	Value	Area	Value	Yield	Area	Value	Yield	Value	Yield	Area
(Rs.	(Hects)	(Qtls)	(Hects)	(Rs.)	(Qtls)	(Hects)	(Rs.)	(Qtls)	(Rs.)	(Qtls)	(Hects)
3	29	28	27	26	25	24	23	22	21	20	19
						III			THE		
			7.00	7400	4	0.40	-2	2.00	120	2	22
		3.0	- 1 2	7400	7	0.40	10			- 3	:2
	*	-	- 5	12900	8	0.40	53	14		- 5	
	*			10950	6	0.60	-				2
		2000	0.06		8	1.15	-	-			
	(1)	3000	0.05	13000	3	0.40		423		- 5	
		4500	0.20	4700			-	-	100	25	2
	2.5	4500	0.20	17000	10	1.00	-	- 5		225	10
			1	19000	10	0.80	-		-	- 5	8
	878	4000	0.40	35300	19	2.40	-		553	- 5	
		6000	0.40			1.00	-		-		
			-	26000	15	1.20	-	7		-	
0000000	2000	3.5	8	34200	18	1.60	7		-		
4200	0.40			33	7	7.0	7	*		-	
4200	0.40	(*)	100	-32.00000			7	*	-	-	
		-		54000	30.	1.20	77	3.73		-	-
			-	54000	30	2.00	7	170		-	-
		6500	0.30		7.	78	-				-
		2500	0.10	- 5		58	7			-	2
		2500	0.10	- 2		53		5.75	17	3	9
		8000	0.20	21840	14	1.20	- 5	0.73	- 2	-	-
		3700	0.10	9960	6	0.80	-	1.70		- 8	2
	190	4000	0.20	**		*3		7.5		+	-
		5800	0.20	24000	16	0.80	**	-		-	
	-	5500	0.20	15000	10	0.80	-			- 2	
		8000	0.30	*	-	*3		-	2.7	-	
43200	0.80	2000	0.10	-	-	**		1000	17	-	-
1220	0.00	7200	0.20	24000	16	1.60	-		-	-	-
	F-50	1800	0.05	32260	19	1.30		2.00	-	-	-
	170	7000	0.20	37500	25	2.50		1.00		-	-
	576	10000	0.40	27,200	20	4100	- 25		-		
		15000	0.40	42120	27	2.00		1 61	-	-	-
	- 7		0.20	102400	64	3.20			-		-
		4100	0.20	104700		4.20	- 5	17.	- 22		0
		14400	0.40				- 6	5.50	12		8
		14400	0.40	48000	32	3.20	-	-	- 13	3	8
		4800	0.20	8		-					8
		4800	0.20	*	-	*	-	5.55			8
		6000	0.20	*		*	-	5.55			
				*	-	*	*		*	-	-
	-	2500	0.20	70	-	*5	*	7.5	3	27	15
- 1	-	4800	0.20	*	-	*2	-	785	3	170	25
	(A)	4800	0.20	West.	17	7207297	-		**	200	8
4350	0.20	3800	0.20	8500	5	0.60		+3	(8)	18	27
	-	11800	0.40	34000	20	1.20	7.00	F :	17.	100	99
		5000	0.20		-	- T	*	**	(*)	7	125
		10400	0.40	20580	12	0.80	+	+3	19.1	*	26
44000	1.60	12000	0.60			25	4	4		100	

Pu	Ises	S. E. E.	Pulses (	Bhusa)	0	ilseeds	18-	Green Fo	odder	Other	crops .
Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Yield (Qtls)	Value (Rs.)	Area (Hects)	Value (Qtls)	Area (Hects)	Value (Rs.)
19	20	21	22	23	24	25	26	27	28	29	30
		81	26 1111		001	145		Trint	- 8	8	92
9.5			-			04 L •		0.15	3000		
- 0	part 2	4 (-	4 1			100		0.10	2500		
-			-	-	0.60	8	12700	0.10	2500	9	
-	44	14 -	·*(/III			0.5		0.20	4000		4
- 1	7	-1-	10700	0.5	-	100		0.20	4000	-	
-	- 5	-	170	5.	0	di li i	-	0.40	10000		-
7.10			200	1.0	9.70	10.7	97	0.20	5000		-
2.11	MIN .			7.0		658 5		0.40	9000	-	-
		2.5				MILU SI	1.7	0.40	7000	th time is	
	77	111					107	0.40	10000		-
	-		· 17			1 .		0.20	5000	- 1	
3				k -		1 2	-	0.40	10000	-	-
-					4.00	52	88400	0.80	27000		

Zone	Distri	ict	Holdings		Wheat		Whea	t (Bhusa)
				Area	Yield	Value	Yield	Value
III OF THE	II U	11000	densities.	(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)
1	2		#13 #HHT V	4	5	6	OH 7	8
Southern	Farida	bad	Likhi	1.20	36	25200	36	8000
			Bhupgarh	1.40	55	38500	55	11000
			Prithla	2.40	100	70000	100	18000
			Prithla	2.40	94	65800	90	16200
			Midkola	2.00	90	63000	90	18000
		2460	Nacholi	3.60	144	100800	144	21600
			Nacholi	3.60	140	98000	140	21000
			Midkola	2.80	100	70000	100	18000
			Bhupgarh	4.20	160	112000	160	32000
			Likhi	4.40	180	126000	180	40000
			Sikri	6.60	198	138600	198	36000
			Sikri	5.20	260	182000	260	41600
	Gurga	on	Jamalpur	0.80	32	22400	32	3200
			Hassan Pur	1.20	48	33600	48	4800
			Hassan Pur	1.20	48	33600	- 48	4800
			Khentawas	1.60	64	44800	- 64	6400
			Alipur	2.00	90	63000	- 90	9000
	-		BondaKalan	2.00	80	56000	80	8000
			Uchha Majra	2.00	80	56000	80	8000
			Alipur	1.50	65	45500	65	6500
			Pangwa	1.20	48	33600	48	4800
			Mandi Khera	2.40	66	46200	66	6600
			Garhi Harshu	1.60	72	50400	72	7200
			Nasir Was	4.80	90	63000	72	7200
			Wazir Pur	2.80	98	68600	98	9800
			Bichhor	1.20	30	21000	30	3000
			Mohamadwas	4.40	165	115500	165	16500
	Maher	ndergarh	Uninda	0.80	40	28000	40	8000
			Bhugarka	0.40	11	7700	11	1100
			Sehlanga	1.00	25	17500	25	2500
			Shaharpur	0.60	20	14000	20	3000
			Singhra	1,00	35	24500	35	7000
			Riwasa	0.80	35	24500	40	10000
			Nangal Nunia	0.30	6	4200	5	1250
			Satnali	2.00	40	28000	40	12500
	Rewa	ri	Bhandore	0.40	22	15400	22	4400
			Suthana	0.60	24	16800	24	6250
			Pahlawas	0.80	28	19600	28	5600
			Mastapur	0.80	40	28000	40	8000
			Manethi	0.40	24	16800	24	6000
			Kapriwas	1.20	54	37800	54	10800
			Maheshweri	2.00	80	56000	80	16000
			Lukhi	0.80	40	28000	40	4000
			Nahar	1.20	48	33600	48	9600
			Suthana	1.60	70	49000	70	17500

	Barley		Barley	(Bhusa)		Gram		Gram	(Bhusa)
Area	Yield	Value	Yield	Value	Area	Yield	Value	Yield	Value
(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.
9	10	11	12 12	13	14	15	16	17	18
-			- 65	-				L + V	8
40				-		- 14		*	-
23	23	The Life	40	84			100		*
23	2	Ę.		9					**
23	22	4				-	9	-	*
0.30	12	8160	12	1800	-				
1.000000	-	-			-		120	•	100
	100	10 4	TO SECUR	(4)	17 000				
2	9	*	11 4110	1	( = )		,		3
2	2	12	- 1.5		D0 12#3			-	25
2	0	=	-		4) 4 (4.5		1961		wev.
0.25	4	2600	4	400	0.80	10	20000	8	1200
2	0	-	841				-		25
2	-	- 2	-	-	R3.0+				₹
2	2	52	-	-	+:			-:	-
-	_ 2	32	-	-	+			-	57
	- 2	12					4		2.7
	- 2	12			*			*	*
	2	6	2.0					*	*
		12		41		-		-	*
		-	-		111 (1)	¥3			*
			201	-	-				*
17			20	-	-	+0		~	
17	-		2. 11	1.0		-	-	-	
3.20	112	58800	90	9000	-	20		*	
(5					-	===		-	
(75)			2		-	-	-		2.00
97.0			-	110	0.40		1000		150
(7%)	2			-	0.40	1	1800	1	
	•		-		-		-		
			-		-				0.00
20				-					
•	357			- 1	111 15				7.50
(±)	773	35					-		
*	3.7		*						
		1.5%			11 15-				2
-	1.5	- 50			01.35			12	_
17.		70			01.0-				4
	-								
			· ·						2:
			- E	34 51	7.	- 0		-	2
73			- E	S 200				- 84	2
*		5						2011	
0.40	- 6	3600		1200	0.40	2		2	300
0.40	0	5000		1200	0.70		2000	- C _ Z	

	ulses		Pulses (			ilseeds	La Lun	Green F	odder	Other	Crops
Area	Yield	Value	Yield	Value	A rea	Yield		Area	Value	Area	Value
(Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	(Hects)	(Qtls	(Rs.)	(Hects)	(Qtls)	(Hects)	(Rs.
19	20 -	21 -	22	23	24	25	26	27	28	29	30
	: ***/). **					-		-		-	
•	550		***	-			7.4	0.20	8000	-	
•	17.1	•	**	-		-		-			
- 8	37			17	*		* *				
- 5	17.	-	-	-		-	9	0.00			
- 7	-			-		-	222	0.10	2400	949	
-	- 1			*	0.30	6	9000	0.10	2000		
-	13		*	*	1.00	15	22500	0.20	5500		
	92			*	0.20	3	4650	0.20	9000		
007					0.80	12	18000	0.20	12000		
	-		-		MALE:	-	9				
576	-	•	-	*	0.40	-		0.15	3400		
- 5	2.0	•			0.40	8	14420	-	+		
3	- 5	•			0.40	8	14420	-			
84	18	3		*	0.80	16	28440		-		
38	ii	-		**	0.40	8	14420	-		-	
8	- 2	200		*	0.80	14	25010			(2)	
8		-5.0		-	1.60	32	56880		32	3.711	
	0.0	-20			2.00	40	71100	-	-	727	
		-	-	*	0.90	18	31870		-		
		150	-	- <del>-</del>	3.60	50	90250	-			
		120	-	**	1.20	16	28940	-	2		
					2.20	44	78460				
*	0					<b>≆</b> . 7	38 .	-	ALIKA-	1.70	2000
+:		-	200		0.40	6	10700			1.60	3500
-		-	140	122	3.60	50	90250	-		-	
02.1		- 10	11	1121	0.20	3	5800				
14.				-	0.80	13	23795				
	96	-	740	-	0.60	10	16500	1.5	5	- 8	
160	-			-	1.10	20	35800	755		- 1	
	-	19	4	1.0	2.00	18	33100	755			
	*			4	2.20	35	54000	188	Ī	- 5	
-	*	-	-		6.10		181500	7.5		67	
				+	0.80	7	13005	- 5	- 8	17	
	× 1				0.40	7	12505		. 8	- 1	
		9.0	- 4		0.80	14	25270		. 8	- 5	
	-			-	0.80	19	33585		- 5		
		9	12		0.80	18	31870				
	41	-	4		1.20	26	45700		- 3		
	40		14		2.00	50	77500		. 9	0.0	
	-6	-	3		1.20	15	25500		- 3		
		-			2.80		121850		- 5		
201	× 5		1	-	2.00	36	64240		0024	11.2	
	25			150	2.00	35	56100	198			

APPENDIX - III-B

Cropped area, Yield and Value of crops sown on Unirrigated land (Rabi) 2004-05

Zone	District	Holdings		Wheat			t (Bhusa) .
			Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)
1	2	3	4	5	6	7	8
Northern	Panchkula	Madana	*				1.5
		Morni	1.21	15	10500	10	1500
	Yamuna Nagar	Bheel Chhappar	+7			-	(45)
		Jubbal	*:	*		1	
Central	Rohtak	Bhali Annandpur	**	197	*	97 4	
		Madina	*	*	-	-	11
		Bhali Annandpur	*	*			1.5
	Jhajjar	Dulhera	*:			(*)	76
	Sonipat	Mudlana	1.20	25	17500	25	2500
		Mohana	-		*	3.50	<b>1</b>
		Gudha				(E)	
Western	Bhiwani	Hatempura	-			()e)	1.5
		Hatempura	-		:2		
		Dhani Hunat		-	2*	100	*
		Dhani Hunat	+	-		*	7
	Hisar	Agroha	~				
	Sirsa	Nejjia Khera	×		-		
Southern	Faridabad	Madkola	14		(*)		
	Gurgaon	Mandi Khera	55			*	
		Garhi Harshu	32			*	
		Malab	2.40	48	33600	30	3000
		Malab	3.60	81	56700	81	8100
		Kheri Nuh	6.80	153	107100	105	10500
	Mahendergarh	Napla	-			*	-
		God	-				-
		Satnali	(4)	+3	(6)		

	Barle	У		Barle	y (Bhusa)			Gran	0	Gram (Bhusa) .		
Area (Hects)	Yield (Qtls)	Value (Rs.)	Time	Yield (Qtls)	Value (Rs.)	9	Area (Hects)	Yield (Qtls)	Value (Rs.)	Yield (Qtls)	Value (Rs.)	
9	10	11		12	13		14	15	16	17	18	
**	820			-	DY -	TOTAL		-		•	-	
-	-			-	1 /			-				
*								w end	- 34	IIIII (4)	2	
14	-			7	87				- 14		12	
2	12				62		121/0	EII ( + 7)		SC principles	023	
2	3	-1			25		*	1.0	- 3		-	
0.80	6	4200		6	1200		10-11	ing A. William	- 4	14.		
Ş	-			-	15			9 (1)				
***	2			501			*	-			-	
100	-			5	17.		*	+	_			
	-			200	*			2	_	14 m 2	_	
27				*	-		8	- 4			121	
23		17		151	1 6			-	2	50	150	
*	-	\$ <del>5</del>		* -	*		2.80			140	- 1	
	-	18		*	*		8.00	u = 25 dd	2		2	
		25			8		+3	ent les pi	-	12	2	
*	17				-			-1612-01	20	- 2	2	
	7.5	*		*	*			V En u	23	100 m		
	70	7			#3		*	0.0104	20		2	
1.00	25	13125		15	1500		3#3	111743110		Dellar or *	715	
•	(0)	2		*00	1046		2	artie le app	-	who will be	-	
30	-			*	*			-		2	2	
	1.7%	5		**				- 1	-			
-	174	=					1.00	1	1900	2	500	
-		*		34.105				3		3	750	
							2.40	10 2		10	2500	

D	ulses		Pulses	(Bhusa)		Oilseeds		Green I	odder		crops .
Area	Yield	Value	Yield	Value	Area	Yield	Value	Area	Value	Area	Value
Hects)	(Qtls)	(Rs.)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Rs.)	(Hects)	(Qtls)	(Hects)	(Rs.)
19	20	21	22	23	24	25	26	27	28	29	30
17	-	-	-		0.20		-	-	(1)	•	-
	120					75.7					
25	*			-	-					-	7.2
).10		1070	41	-			-			1000	
125		0.70		-		-	•	1.40	100	1650	
		11-2	-	20				(*)	1.70	1,7%	-
	*	26	- 2	-	1.00	5	9000		55	50	-
1943	*:	70	9	2		-2		•	*	7.5	
0.00	-				1.20	3	6200		*	*	
	_	-	-	25			*		*		3
1,100		-	-		0.80	16	29200	*	-	•	3
. 6:		-	-		1.60	24	42000	**		ē	
54					25	-		-		15	9
2				8		-	2	*	-	25	2
*	-							-			
	98	97	1.5				82				
*		100	7.54	13	-						
							-	-		273	
14	(=)		7.5		-	-	-				
÷			5	(5)	0.40	6	11000	59		7	
		251		5.0	-						
-		+5	-		-					5.75	
-	-	*			1.20	15	27225	-	*	*	
			-		2.40	36	65740			53	
					1.60	20	36300	X.			
022					0.80	5	9200	-		*	
				25	0.40	6	9700			-	
**	_	-	(8)	25			2018E	2			
€3	*		*	75	7						

