

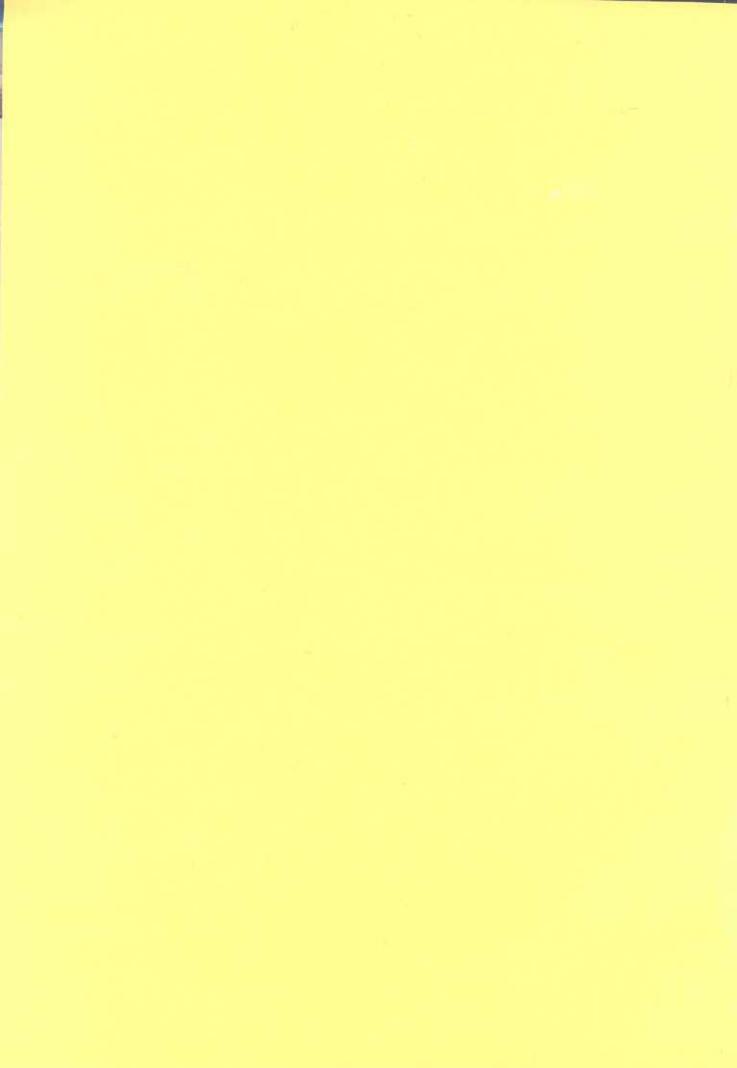
# ECONOMICS OF FARMING IN HARYANA 2002-2003

Issued by:
ECONOMIC AND STATISTICAL ORGANISATION
PLANNING DEPARTMENT, HARYANA
2005



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#### PREFACE

The present report relates to the annual series on 'Economics of Farming in Haryana' and it refers to the agricultural year 2002-03 (July,2002 to June,2003).

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, intensity of cropping, consumption of chemical fertilizers and use of improved agricultural machinery and farm equipments alongwith the share of bullock and manual labour deployed in agricultural operations.

The study has further revealed that the average gross income per hactare under peasant proprietorship holdings (which form 79% of total selected holdings) was Rs. 35975 and average net income of Rs. 18263 taken together from irrigated and unirrigated holdings where as the average gross and net income from peasant proprietorship-cum-tenancy holdings was Rs. 48402 and Rs. 18802, respectively.

The report has been prepared by Sh. R.N.Dalal, Research Officer under the supervision of Sh. B.S.Yadav, Deputy Economic and Statistical Adviser and overall guidance of Sh. O.P.Dhankhar, Joint Economic and Statistical Adviser and Sh. Shrichand, 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: 10-10-2005

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

#### PREFACE

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Chandigothi Dated 10-10-2005

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## CHAPTER - I

#### General

Agriculture holds the key to prosperity. Despite the decline in the share of agriculture to about one-fourth of GDP, nearly two thirds of our population still depends on this sector for their livelihood. But in terms of area, agriculture has 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, cultivation practices and with the availability of better post harvest technology etc., State Govt. is trying to reorient agriculture in this direction through various policy measures for increasing the product on. 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 2002-2003 and 161 selected holdings were covered under this study.

#### 1.1 Objectives of the Study

The main objective of this study is to make an in-depth study of Economics of Farming to find 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 tenancy cultivation i.e. peasant proprietorship and peasant proprietorship-cumtenancy.
- (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 2002-03.

#### 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 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 are reposed between so yet ones not butters stuffings and protection

The study is comprehensive in nature and gives detailed account of 161 agricultural holdings. Out of these holdings, 140 holdings were irrigated, 7 unirrigated and the remaining 14 agricultural holdings were partly irrigated. Various characteristics of farm holdings such as size, tenancy, level of irrigation, area under various crops, agro-climatic conditions, intansity 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 different size groups of holdings i.e. 0-2, 2.0-4.0, 4.0-7.5, 7.5-10.0 and 10.0 hectares and above have been covered under this study.

#### 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 agro-climatic 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 1100 et al to borlied S. I |
| 3.      | Western  | Bhiwani, Hisar, Fatehabad, Sirsa.                                  |
| 4.10    | Southern | Faridabad, Gurgaon, Rewari, Mahendragarh.                          |

Starlighted Agencies Various farm operations as statement by this selected distribution in the

# CHAPTER - II ANALYSIS OF FARM ACCOUNT HOLDINGS

#### General

In this chapter, data collected from 161 farm holdings selected from different zones of the state has been analysed. Micro level data in respect of selected holdings has been presented in appendices I to III.

#### 2.1 Number and size of farm holdings

The number, cultivated area and average size of selected farm holdings in all the four agro-climatic zones are given below:

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

| Sr.No. | Zone     | No.of farm<br>holdings | Total cultivated area of farm holdings (hectares.) | Average size of holdings (hectares) | Tres |
|--------|----------|------------------------|--|-------------------------------------|------|
| 1      | 2        | 3                      | 4  | 5                                   |      |
| 1,     | Northern | (22.98)                | 157.32<br>(26.54)                                  | 4.25                                |      |
| 2.     | Central  | (26.71)                | 112.72 (19.01)                                     | 2.62                                |      |
| 3.     | Western  | (27.33)                | 185.05   | 4.21                                |      |
| 4.     | Southern | (22.98)                | 137.71 (23.23)                                     | 3.72                                |      |
| le l   | Total    | 161 (100.00)           | 592.80   | 3.68                                |      |

Note: Figures in brackets indicate percentage to total.

Data given in Table 2.1 shows that the total cultivated area of all 161 selected holdings was 592.80 hectares with an average size of holdings of 3.68 hectares. The average size of holdings was the highest 4.25 in Northern zone and the lowest 2.62 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 peasant cultivates his own land with the help of his own family members or hired labourers, (ii) peasant proprietorship-cum-tenant where 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 cultivate holdings 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- tenant system

| Zone          | Peasant         |                    |                 | Peasant proprietorship -<br>cum-tenant |                    | al                 |
|---------------|-----------------|--------------------|-----------------|--|--------------------|--------------------|
|               | No. of holdings | Area<br>(hectares) | No. of holdings | Area<br>(hectares)                     | No. of<br>holdings | Area<br>(hectares) |
| 1             | 2               | 3                  | 4               | 5                                      | 6                  | 7                  |
| Northern      | 27              | 91.41              | 10              | 65.91                                  | 37                 | 157.32             |
| TTOTALO       | (72.97)         | (58.10)            | (27.03)         | (41.90)                                | (22.98)            | (26.54)            |
| Central       | 30              | 74.02              | 13              | 38.70                                  | 43                 | 112.72             |
| Continui      | (69.77)         | (65.67)            | (30.23)         | (34.33)                                | (26.71)            | (19.01)            |
| Western       | 39              | 167.85             | guerra tur-5-m  | 17.20                                  | 44                 | 185.05             |
| 110000111     | (88.64)         | (90.71)            | (11.36)         | (9.30)                                 | (27.33)            | (31.22)            |
| Southern      | 31              | 108.95             | 6               | 28.76                                  | 37                 | 137.71             |
| - Contraction | (83.78)         | (79.12)            | (16.22)         | (20.89)                                | (22.98)            | (23.23)            |
| Total         | 127             | 442.23             | 34              | 150.57                                 | 161                | 592.80             |
| Tem n         | (78.88)         | (74.60)            | (21.12)         | (25.40)                                | (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 592.80 hectares 78.88% areas, belonged to the peasant proprietor cultivators and remaining one third area was covered under peasant proprietor-cum-tenant holdings. The latter group i.e. peasant proprietor-cum-tenant represented by small and marginal farmers who had to supplement their holdings by taking land on rent/batal in case or kind so as to make the cultivate holdings 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
(Area in hectares)

|           |                    |                   |                 |           |                  |                 | (Area III         | nectares)      |                    |
|-----------|--------------------|-------------------|-----------------|-----------|------------------|-----------------|-------------------|----------------|--------------------|
| Size of   | Peasant            | proprietors       | ship Pe         | asant pro | To               | Total           |                   |                |                    |
| holdings  | No. of<br>holdings | Area              | No. of holdings | Owned     | Rented<br>(Cash) | Batai<br>(Kind) | Total area        | No. of holding | Area<br>s          |
| 1         | 2                  | 3                 | 4               | 5         | 6                | -7              | 8                 | umoc 9 d       | 10                 |
| Below 2.0 | 36                 | 49.10             | 8               | 7.89      | 0.82             | 2.20            | 10.91             | (27.00)        | 60.01<br>(10.00)   |
| 2.0-4.0   | 51                 | 144.25            | 10              | 14.70     | 12.00            | enavi es        | 26.70             | (38.00)        | 170.95<br>(29.00)  |
| 4.0-7.5   | 32                 | 167.48            | in to 41 had    | 33.56     | 23.20            | meetic.         | 56.76             | 43<br>(27.00)  | 224.24             |
| 7.5 – 10. | 0 5                | 41.80             | 3               | 18.80     | 6.60             | o didmes        | 25.40             | (5.00)         | 67.20              |
| 10.0 & at | oove 3             | 39.60             | 2               | 24.00     | 6.80             | a zonita        | 30.80             | (3.00)         | 70.40              |
| Total     | 127<br>(78.88)     | 442.23<br>(74.60) | (21.12)         | 98.95     | 49.42            | 2.20            | 150.57<br>(25.40) | (100.00)       | 592.80<br>(100.00) |

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

It may be seen from Table 2.3 that out of total 161 farm holdings,127 holdings (78.88%) and 34 holdings (21.12%) were under peasant proprietorship & peasant proprietorship-cumtenant having an area of 442.23 (74.60%) hectares & 150.57 (25.40%) hectares, respectively. It may also be inferred from the table that the maximum concentration of holdings (38.00%) was in the size group of 2.0-4.0 hectares and the minimum (3.00%) in the size group of 10.00 hectares & above. A majority of the holdings i.e. 65.00% were in the size groups of 2.0-4.0 & 4.0-7.5 hectares whereas 27.00% of the holdings belonged to the smallest size group of below 2.0 hectares. Remaining holdings 8.0% were found in the size group of 7.5-10.0 and 10.0 hectares and above during the year 2002-03.

Table 2.4: Number of holdings by extent of irrigation.

| Zone     | Total number of  | Irrigated Unirrigated |          | P            | Partly irrigated holdings |            |                |  |  |
|----------|------------------|-----------------------|----------|--------------|---------------------------|------------|----------------|--|--|
| zone     | studied holdings | holdings              | holdings | Below<br>25% | 25% to 50%                | 50% to 75% | 75% to<br>100% |  |  |
| 1        | 2                | 3                     | 4        | 5            | 6                         | 7          | 8              |  |  |
| Northern | 37               | 34                    | 1        |              | 1                         | D. Shida   | 4              |  |  |
| Central  | 43               | 37                    |          |              | 18                        | 3          | 3              |  |  |
| Western  | 44               | 40                    | 2        | 1,000        | 1                         | 9.71       |                |  |  |
| Southern | 37               | 29                    | 4        |              | 1                         | 2          | mark coll-     |  |  |
| Total    | On 111,161       | 140<br>(86.95)        | 7 (4.35) | dmun ça zə   | 3 (1.86)                  | (3.11)     | (3.73)         |  |  |

Data is given in Table 2.4 shows that out of total 161 holdings, maximum number of holdings i.e. 140 holdings (86.95%) were wholly irrigated. As many as 7 holdings (4.35%) were totally unirrigated. The remaining 14 holdings (8.70%) were partly irrigated. Thus, it is clear that there is no problem of irrigation in the state as majority of the holdings were irrigated. It will be seen from the table that a total number of 161 holdings from four climatic zones were studied during agricultural year 2002-03.

#### Irrigation

The availability of abundant and assured quantity of quality water is a basic need for increasing the agriculture production. It being a prime input for agricultural development, the state Gcvt. has given over riding priority in its successive plan as the limited water resources viz canal as well as underground water are available in our state for irrigation. Before discussing the results of the field survey, it is imperative to examine whether there were irrigation facilities for selected/studied holdings or not?

#### Irrigated/Unirrigated area of selected holdings

The information regarding the number of holdings and their areas were also collected from the selected cultivators. The total cultivated area of all studied holdings and irrigated/unimigated area alongwith percentages has been shown in table 2.4 (a).

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

| Zone<br>VALE A | Total cultivated area of all selected holdings | Irrigated area | Unirrigated area | Area irrigated/unirrigated as percentage of the total cultivated area Irrigated Unirrigated |
|----------------|--|----------------|------------------|---|
| 1              | 2  | 3              | 4 1000           | 5 6 6 6   |
| Northern       | 157.32   | 153.41         | 3.91             | 97.52 2.48  |
| Central        | 112.72   | 107.82         | 4.90             | 95.65 4.35  |
| Western        | 185.05   | 173.05         | 12.00            | 93.52 6.48  |
| Southern       | 137.71   | 109.51         | 28.20            | 79.52 20.48   |
| Total          | 592.80   | 543.79         | 49.01            | 91.73   |

It is obvious from Table 2.4(a) that 91.73 percent of the cultivated area was under irrigation whereas only 8.27 percent area was found unirrigated during agricultural year 2002-03. The table also reveals that Northern & western zones were toppers in respect of irrigated area brought under farming. The Southern zone was on the lowest position contributing 79.52 percent irrigated area. In case of unirrigated area southern zone was on the higher side resulting in 20.48 percent of the total cultivated area whereas the minimum unirrigated area i.e. 2.48 percent was observed in Northern 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.

| TEL INTO MICH THE POSITION OF |  |                 |           |                |                |  |                 | rea in he | ctares)                                   |  |
|---|--|-----------------|-----------|----------------|----------------|--|-----------------|-----------|---|--|
| Size of<br>holdings<br>(hectares)   | Total Total area number of all selected holdings - |                 | irrigated |                |                | Partly<br>irrigated<br>holdings/<br>area |                 |           | Wholly<br>unimigated<br>holdings/<br>area |  |
|   |  |                 | No.       | Area           | No             | _ A                                      | rea             | No        | no Area                                   |  |
|   |  | diamo to vitami | Datu.     | SEE VILLE      | SCHOOL SERVICE | Irri.                                    | Unirri          | П.        |   |  |
| Remark and In   | 2 0 0 00   | 3 tel           | 4         | 5              | 6              | 7  | 8               | 9         | 10  |  |
| Below 2.0   | 44   | 60.01           | 36        | 48.10          | 3              | 5.20                                     | 6.60            | 5         | 7.21                                      |  |
| 2.0-4.0   | 61   | 170.95          | 59        | 165.15         | 2              | 12.70                                    | 6.40            |           | meyld its                                 |  |
| 4.0-7.5   | 43   | 224.24          | 36        | 183.74         | 6              | 33.30                                    | 5.60            | 1         | 6.80                                      |  |
| 7.5 -10.0   | 8  | 67.20           | 6         | 50.80          | 1              | Dillimit                                 | 8.00            | 1         | 8.40                                      |  |
| 10.0 & above  | 5  | 70.40           | 3         | 44.80          | 2              | ₽:                                       | -               | -         | 0.5                                       |  |
| Total   | 161<br>aw sasis w                                  | 592.80          | 140       | 492.59 (83.10) | 14             | 51.20<br>(8.63)                          | 26.60<br>(4.49) | igin7.U   | (3.78)                                    |  |

Not:- Figures in brackets show the percentages to the total number of 161 holdings and their total area (592.80 hectares).

it may be seen from Table 2.5 that out of total 161 holdings as many as 61 holdings were falling in the size group of 2.0-4.0 hectares having an area of 170.95 hectares. Whereas 43 holdings were located in the size group of 4.0-7.5 hectares contributing 224.24 hectares area. Only 5 holdings were under the size group of 10.0 hectares & above. The table further reveals that 83.10 percent and 13.12 percent if the total area were fully irrigated or partly irrigated during the year 2002-03 and the remaining 3.78 percent area has no irrigation facility. It is heartening of note that no unirrigated area was to existed in the size groups of 2.0-4.0 & 10.0 hectares & above.

#### 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

(Area in hectares) Crops Northern Central Western Southern Total 6 Cereals 1. 86.85 36.40 12.00 7.20 142.45 Paddy (15.06)Baira 5.60 31.40 15.14 52.14 (5.51)Maize 2.28 2.68 0.40 (0.28)Wheat 94.24 83.10 91.80 53.90 323.04 (34.14)Barley 1.10 3.40 4.50 (0.48)**Total Cereals** 125.50 183.37 136,30 79.64 524.81 (55.47)H Pulses Gram 0.05 08.0 1.30 6.20 8.35 (0.88)Other pulses 0.52 2.00 2.80 8.20 13.52 (1.43)Total pulses 0.57 2.80 4.10 14.40 21.87 (2.31)111. Cash crops Oilseeds 36.75 0.50 8.40 51.20 96.85 (10.24)(Rape & Mustard) Sugarcane 9.90 39.70 0.40 1.40 51.40 (5.43)3.00 Cotton (Desi) 29.30 32.30 (3.41)Cotton (American) 4.70 38.45 0.40 43.55 (4.60)Total cash crops 40.20 119.35 26.00 38.55 224.10 (23.69)IV. Green Fodder 33.21 19.70 26.24 22.35 101.50 (10.73)V. Other crops 12.46 9.40 25:40 26.56 73.82 (7.80)Total of all crops 269.81 189,94 307.50 178.85 946.10 (100.00)

Note: Figures in brackets indicate percentages to total.

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

(Area in hectares) Total Southern Western Central Northern Crops 6 5 3 4 2 Cereals Paddy 9.60 5.60 Baira (24.23)1.21 Maize (3.05)4.61 0.40 0.40 Wheat (11.63)Barley 15.42 6.00 4.32 1.10 4.00 Total Cereals (38.91)11. Pulses 4.00 1.60 2.40 Gram (10.10)0.40 Other pulses 0.40 (1.01)4.40 2.40 Total pulses 0.40 1.60 (11.11)III. Cash crops 14.20 11.00 1.20 2.00 Oilseeds (35.84)(Rape & Mustard) Sugarcane 0.40 0.40 Cotton (Desi) (1.01)Cotton (American) 14,60 2.40 11.00 Total cash crops 1.20 (36.85)1.20 IV. Green Fodder 0.40 0.80 (3.03)4.00 3.00 Other crops 1.00 (10.10)39.62 22,40 3.10 8.00 Total of all crops 6.12 (100.00)

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 946.10 hectares and 39.62 hectares, respectively under different zone. The percentage of irrigated area under wheat was the highest (34.14) followed by paddy 15.06, green fodder 10.73 and oilseeds 10.24. Inference may also be drawn from Table 2.6 (a) that the highest irrigated area of all crops was observed in western zone 307.50 hectares whereas it was lowest in the southern zone i.e. 178.85 hectares. The figures in table 2.6 (b) also indicate that southern zone had maximum unirrigated area i.e. 22.40 hectares. The western zone was on the second position contributing 8.00 hectares un rigated area.

The cropping pattern under unirrigated areas was substantially different than that of the irrigated areas. In case of unirrigated areas, the percentage under oilseeds was the highest i.e.

(35.84) followed by bajra 24.23, wheat 11.63 & gram 10.10 of the total unirrigated areas during the year 2002-03.

#### 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 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) and 2.7 (c), respectively.

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

|        | total cropped                | tarea.   |  | (Ar            | ea in hectares)                                       |
|--------|------------------------------|--|--|----------------|---|
| Sr.No. | Crops                        | Total cropped<br>area (Irrigated &<br>unirrigated) | Percentage<br>to total<br>cropped area | Irrigated area | %age of<br>irrigated<br>area to total<br>cropped area |
| 1      | 2                            | 3  | 4                                      | 5              | 6   |
| 1.     | Paddy                        | 142.45   | 14.45                                  | 142.45         | 100.00  |
| 2.     | Bajra                        | 61.74  | 6.26                                   | 52.14          | 84.45   |
| 3.     | Maize                        | 3.89   | 0.39                                   | 2.68           | 68.90   |
| 4.     | Wheat                        | 327.65   | 33.25                                  | 323.04         | 98.59   |
| 5.     | Barley                       | 4.50   | 0.46                                   | 4.50           | 100.00  |
| 6.     | Gram                         | 12.35  | 1.25                                   | 8.35           | 67.61   |
| 7.     | Other Pulses                 | 13.92  | 1.41                                   | 13.52          | 97,13   |
| 8.     | Oilseeds<br>(Rape & Mustard) | 111.05   | 11.27                                  | 96.85          | 87.21   |
| 9.     | Sugarcane                    | 51,40  | 5.21                                   | 51.40          | 100.00  |
| 10.    | Cotton Desi                  | 32.70  | 3.32                                   | 32.30          | 98.78   |
| 11.    | Cotton American              | 43.55  | 4.42                                   | 43.55          | 100.00  |
| 12.    | Green Fodder                 | 102.70   | 10.42                                  | 101.50         | 98.83   |
| 13.    | Other Crops                  | 77.82  | 7.89                                   | 73.82          | 94.86   |
|        | Total                        | 985.72   | 100.00                                 | 946.10         | 95.98   |

Figures table 2.7(a) indicate that the percentage of area under wheat was the highest 33.25, followed by paddy 14.45, oilseeds (Rape & Musiard) 11.27 and green fodder 10.42 under irrigated and unirrigated area. Whereas only 0.39 percent area was under maize. It is further reflected from Table 2.7 (a) that percentage of irrigated area to total cropped area was 100 in case of paddy, sugarcane & cotton (Amercian) and it was closely followed by green fodder 98.83, cotton (Desi) and wheat respectively. The overall irrigated area to total cropped area was 95.98 percent.

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The intensity of cropping under irrigated and unirrigated areas in all four zones has been shown in the following table:-

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

| Zone                 | Percentac | ge of intensity | Total          | NOTO BELL  |
|----------------------|-----------|-----------------|----------------|--|
| ou section leighest. | Irrigated | Unirrigated     | ular a reer co | warpers January and Market Street  |
| Tomated how were to  | 2         | 3               | 4              | The state of the s |
| Northern             | 175.88    | 156.52          | 175.39         | - W manual state of the state o |
| Central              | 176.16    | 63.20           | 171.26         |  |
| Western              | 177.69    | 66.70           | 170.49         |  |
| Southern             | 163.32    | 79.00           | 146.14         |  |
| Overall intensity    | 173.98    | 80.80           | 166.28         | Epito Minite   |

The intensity of cropping has been worked out as under :-

Total cropped areax 100

Net area sown

The average intensity of cropping in the irrigated and unirrigated areas was 173.98% and 80.80%, respectively. The western zone showed the highest intensity (177.69) and southern had the lowested intensity i.e. 163.32 on irrigated land. In case of unirrigated land, the intensity of cropping was highest in northern zone of (156.52). The overall intensity was 166.28% for irrigated and unirrigated areas.

The intensity of cropping in respect of selected holdings for 2001-02 and 2002-03 is given below:

Table 2.7 (c) Cropping intensity under irrigated and unirrigated areas for 2001-02 and 2002-03

|           | WW . U.W |             |        |    |
|-----------|----------|-------------|--------|----|
| Year      | rrigated | Unirrigated | Total  |    |
| 1         | 2        | 3           | 4      |    |
| 2001-2002 | 177.41   | 116.68      | 172.27 | 82 |
| 2002-2003 | 173.98   | 80.80       | 166.28 |    |

It may be seen from the above table that the cropping intensity for irrigated areas decread to 173.98 during 2002-03 as compared to 177.41 in 2001-02. In case of unirrigated areas, the intensity of cropping had gone down 80 80% in 2002-03 as compared to 116.68% in 2001-2002. The overall cropping intensity also decreased from 172.27% in 2001-02 to 166.28% in 2002-2003.

#### 2.8 Output per hectare

The cutput per hectare in irrigated areas in respect of some crops was found to be higher than that of unirrigated areas. The average yield per hectare of sugarcane was 49080 kgs, paddy 3975 kgs, wheat 3759 kgs, barley 2378 kgs, oliseeds 1052 kgs, respectively in irrigated areas. The average yield in unirrigated areas under wheat and oilseeds was 2603 kgs., 1528 kgs., respectively whereas no average yield per hectare was observed under barley crop. Zone-wise yield per hectare of different crops in irrigated and unirrigated land is given in Table 2.8(a) & 2.8(b), respectively.

Table 2.8 (a) Zone-wise yield per hectare of different crops under irrigated areas during 2002-2003

| _   |                      |          | Charles Supply | 7_1000 miles | edinaturh a | (In Kgs.)     |
|-----|----------------------|----------|----------------|--------------|-------------|---------------|
| Sr. | No. Crops            | Northern | Central        | Western      | Southern    | Average yield |
| 1   | 2                    | 3        | 4              | 5            | 6           | 7             |
|     | A-Cereals            |          |                |              |             | 1             |
| 1.  | Paddy                | 4237     | 3734           | 3117         | 3472        | 3975          |
| 2.  | Wheat (Grain)        | 3923     | 4077           | 3448         | 3514        | 3759          |
| 3.  | Wheat (Bhusa)        | 3804     | 3847           | 3500         | 3417        | 3664          |
| 4.  | Bajra (Gran)         |          | 982            | 570          | 423         | 572           |
| 5.  | Maize (Grain)        | 2807     | 1000           | -            |             | 2537          |
| 6.  | Barley (Grain)       | 0.3      | . +            | 818          | 2882        | 2378          |
| 7.  | Barley (Bhusa)       | 0.00     |                | 727          | 2412        | 2000          |
|     | B-Pulses             |          |                |              | 44.1.156    | 2000          |
| 1.  | Gram (Grain)         | 2000     | 1375           | 538          | 500         | 599           |
| 2.  | Gram (Bhusa)         | 2000     | 1125           | 538          | 258         | 395           |
| 3.  | Other Pulses (Grain) |          | 650            | 607          | 329         | 444           |
|     | C-Cash Crops         |          |                |              | 420         | 444           |
| 1.  | Oilseeds (Rape &     | 200      | 952            | 1061         | 1075        | 1052          |
|     | Mustard)             | 1000     | -              | 1001         | 1073        | 1052          |
| 2.  | Sugarcane            | 51940    | 40051          | 62500        | 28000       | 40000         |
| 3.  | Cotton (Desi &       | 1000000  | 558            | 1234         | 20000       | 49080<br>1159 |
|     | American)            |          |                |              |             | 1100          |

Table 2.8 (b) Zone-wise yield per hectare of different crops under unirrigated areas during 2002-03

| Cr No | Cenna             | 21 11       |                            |                      |                | (In Kgs.)    |   |
|-------|-------------------|-------------|----------------------------|----------------------|----------------|--------------|---|
| Sr.No | 7                 | Northern    | Central                    | Western              | Southern       | Average yiel | d |
| 1     | 2                 | 3           | 4                          | 5                    | 6              | 7            |   |
|       | A-Cereals         | 14 F.3 G.   | 1 14                       | Description beauty   | 0100000        | W 10 2       |   |
| 1.    | Paddy             |             | provided and with          | to the principal his | Traffic Hotel  | d-dep-end    |   |
| 2.    | Wheat (Grain)     | 2444        | 2571                       | 2500                 | 4000           | 2603         |   |
| 3.    | Wheat (Bhusa)     | 2444        | 2571                       | 2500                 | 4000           | 2603         |   |
| 4.    | Bajra (Grain)     |             | 1000                       | 1500                 | 500            | 292          |   |
| 5.    | Maize (Grain)     | 1653        |                            | 1000                 | 500            |              |   |
| 3     | Barley (Grain)    | 785220      |                            | The state of the     |                | 1653         |   |
| 7.    | Barley (Bhusa)    |             |                            |                      |                |              |   |
|       | B-Pulses          |             |                            | IN THE PERSON        |                | HE IPW       |   |
|       | Gram (Grain)      | and element | mibo post kieu             | 1250                 | 375            | 705          |   |
| 2.    | Gram (Bhusa)      | -           |                            | 1250                 |                | 725          |   |
| š     | Other Pulses (Gra | in) 1000    | and a rest of              | 1230                 | 375            | 725          |   |
|       | C-Cash Crops      | THE PART    |                            | refer through        | er must visual | 1000         |   |
|       | Oilseeds (Rape &  |             | 2083                       | 1100                 | 1545           | 4500         |   |
|       | Mustard)          |             | 2000                       | 100                  | 1545           | 1528         |   |
| )     | Sugarcane         |             | THE REPORT OF THE PARTY OF |                      |                |              |   |
|       | Cotton (Desi and  |             | The second second          | 500                  | -              | 22440        |   |
|       | American)         |             |                            | 500                  |                | 500          |   |

The comparative study in regard to yield per hectare of major crops under irrigated and unirrigated areas during the years 2001-02 and 2002-03 has been made in the following table :-

Table 2.8 (c) Yield per hectare of major crops (irr gated and unirrigated) holdings for the years 2001-02 & 2002-03

| 2112   | 27/19                       |          | 2001- | 02          | ( In Kgs.)<br>2002-03 |                           |  |
|--------|-----------------------------|----------|-------|-------------|-----------------------|---------------------------|--|
| Sr.No. | Crops                       | Irrigate |       | Unirrigated | Irrigated             | Unirrigated               |  |
| 1 200  | 2                           | 3        | W.D.  | 4           | 5                     | 6                         |  |
| 1.     | Paddy                       | 4445     | 818   |             | 3975                  | THE STATE OF THE STATE OF |  |
| 2.     | Wheat                       | 3797     |       | 1579        | 3759                  | 2603                      |  |
| 3.     | Barley                      | 2250     |       |             | 2378                  | 10000                     |  |
| 4.     | Gram                        | 482      |       | 853         | 599                   | 725                       |  |
| 5.     | Cotton (Desi &<br>American) | 292@     |       | * 4         | 1159                  | 500                       |  |

@ Crop partly damaged

It is evident from the above table that the average yield per hectare of paddy & wheat under irrigated areas decreased during 2002-03 as compared to the year 2001-02 whereas average yield per hectare of gram, barley & cotton increased under irrigated holdings in 2002-03. But in the case of unirrigated holdings, the average yield per hectare of wheat had shown increasing trend in the year 2002-03.

#### 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.
- (ii) 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

| _    |                               |          |                     |                | (        | in Rs.)  |
|------|-------------------------------|----------|---------------------|----------------|----------|----------|
|      | items                         | Northern | Central             | Western        | Southern | Tota     |
|      | 1                             | 2        | 3                   | 4              | 5        | 6        |
| A-F  | arm                           |          |                     |                |          |          |
| (i)  | Farm buildings, cattlesheds & | 410000   | 365952              | 313520         | 340440   | 1429912  |
|      | other structures              | (17.94)  | (26.73)             | (25.07)        | (14.36)  | (19.65)  |
| (ii) | Drought animals (including    | 19928    | 70520               | 118688         | 14800    | 223936   |
|      | its acquisition)              | (0.87)   | (5.15)              | (9.49)         | (0.62)   | (3.08)   |
|      | Total-A                       | 429928   | 436472              | 432208         | 355240   | 1653848  |
|      | TABLE GITTO CONTROL OF        | (18.81)  | (31.88)             | (34.56)        | (14.99)  | (22.73)  |
| B-A  | gricultural machinery         |          | Health-collater (C) | Truling - Ferr |          | 1        |
| (i)  | Tubewells/pumping sets        | 227376   | 159232              | 203928         | 285584   | 876120   |
|      |                               | (9.94)   | (11.63)             | (16.30)        | (12.05)  | (12.04)  |
| (ii) | Machinery and equipments      | 1628648  | 773568              | 614584         | 1729472  | 4746272  |
|      |                               | (71.25)  | (56.49)             | (49.14)        | (72.96)  | (65.23)  |
|      | Total – B                     | 1856024  | 932800              | 818512         | 2015056  | 5622392  |
|      |                               | (81.19)  | (68.12)             | (65.44)        | (85.01)  | (77.27)  |
|      | Grand Total (A+B)             | 2285952  | 1369272             | 1250720        | 2370296  | 7276240  |
|      |                               | (100.00) | (100.00)            | (100.00)       | (100.00) | (100.00) |
| nve  | estment per hectare           | 14531    | 12748               | 6759           | 17212    | 12274    |

The perusal of the table shows that the total capital investment on farm buildings and drought animals was 22.73% against 77.27% capital investment on Tubewells/pumping sets and machinery & equipments. The capital investment in farm was the highest (34.56%) in western zone whereas it was lowest (14.99%) in southern zone during the year 2002-03. Similarly, in case of agricultural machinery, capital investment ranged between 65% to 86% in different zones. The overall capital investment per hectare was worked out to Rs. 12274.

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/ numping sets

|  | tubewens/ pumping sets  |   |                      |
|--|---|---|----------------------|
| Sr. No.  | Implements  | Investment (In Rs.)   | Percentage           |
| 1  | 2   | 3   | 4                    |
| 1,<br>2,<br>3,<br>4,<br>5,<br>6,<br>7,<br>8,<br>9,<br>10,<br>11, | Tractor with accessories Tubewells/pumping sets Thrashers Carts Chaff cutters Bar harrows Iron ploughs Rollers Seed drills Gur boiling pans Cane crashers Miscellaneous (Triphali-Sohaga, | 3333192<br>876120<br>250184<br>72272<br>42784<br>211320<br>18408<br>1880<br>58952 | 1.29<br>0.76<br>3.76 |
|  | Spray pumps etc.) Total   | 5823992   | 100.00               |

It may be observed from the above table that investment on tractor with accessories was 59.26% of the total capital investment on agricultural machinery and equipments followed by 15.58% on tubewells/pumping sets, 4.45% on thrashers, 3.76% on bar harrows and 1.29% on carts, respectively. The rest of the implements accounted for 15.66% 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. Table 2.10 (a) shows the number and percentage of holdings using chemical fertilizers in all the four agro-climatic zones of the state.

Table 2.10 (a) Zone –wise number of holdings using chemical fertilizers

| Zone     | (elst)  | No. of selected holdings | No. of holdings found using chemical fertilizers | Percentage of col. 3<br>to col. 2 |
|----------|---------|--------------------------|--|-----------------------------------|
| 1        | 130 51  | 2001                     | 3  | 4                                 |
| Northern | 2015/05 | \$137   60               | 37 -9-2  | 100.00 = 11101                    |
| Central  |         | 43                       | 43   | 100.00                            |
| Western  |         |                          | 43 00 007  | 97.73                             |
| Southern | \$1227  | 37 63                    | 37 EHAT  | 100.00 Ind to the sur             |
| Total    |         | 161                      | 160  | 99.38                             |

Table 2.10 (a) reveals that 99.38 percent selected holding were using chemical fertilizers during the year 2002-03. Crop-wise area of the selected holdings where chemical fertilizers were used is presented in the following table:

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

| Sr. | Crops _        |                          | Irrigated                             | 51 27 21 7              | in beatow as             | Unirrigated                           | Area in he           | ctares, |
|-----|----------------|--------------------------|---------------------------------------|-------------------------|--------------------------|---------------------------------------|----------------------|---------|
| No  | bus vaenina    | Total<br>cropped<br>area | Area under<br>chemical<br>fertilizers | % age of col.4 to col.3 | Total<br>cropped<br>area | Area under<br>chemical<br>fertilizers | % age of<br>to col.6 | col.7   |
| 1   | 2              | 3                        | 4                                     | 5                       | 6                        | 7                                     | 8                    |         |
| 1.  | Paddy          | 142.45                   | 142.45                                | 100.00                  |                          | Line of the same                      | 0                    |         |
| 2.  | Bajra          | 52.14                    | 26.54                                 | 50.90                   | 9.60                     | 4.80                                  | 50.00                |         |
| 3   | Maize          | 2.68                     | 2.49                                  | 92.91                   | 1.21                     | 1.21                                  | 50.00                |         |
| 4.  | Wheat          | 323.04                   | 271.34                                | 84.00                   | 4.61                     | 3.91                                  | 100.00               |         |
| 5.  | Barley         | 4.50                     | 0.80                                  | 17.78                   |                          | IO - SOUTH IN                         | 84.62                |         |
| 6.  | Sugarcane      | 51.40                    | 47.80                                 | 93.00                   | ch                       | er yırı emilyeseli                    | Invettur             |         |
| 7.  | Cotton (Desi)  | 32.30                    | 28.80                                 | 89.16                   | 0.40                     |                                       | Party agent          |         |
| 8.  | Cotton(America | an) 43.55                | 37.50                                 | 86.11                   | 0.70                     | 2                                     | Corts                |         |
| 9.  | Oilseeds       | 96.85                    | 93.55                                 | 96.59                   | 14.20                    | 12.55                                 | 00.00                |         |
|     | (Rape & Musta  |                          | USE                                   | 18                      | 17.60                    | 12.00                                 | 88.38                |         |
| 10. |                | 101.50                   | 69.76                                 | 68.73                   | 1.20                     | 0.40                                  | 33.33                |         |
| 11. | Other crops    | 95.69                    | 86.29                                 | 90.18                   | 8.40                     | 1.25                                  | 14.88                |         |
|     | Total          | 946.10                   | 807.32                                | 85.33                   | 39.62                    | 24.12                                 | 60.88                |         |

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

| The second secon |  |  |  |  | In Rs.)  |
|--|--|--|--|--|--|
| Items  | Northern   | Central  | Western  | Southern   | Tota   |
| 1  | 2  | 3  | 4  | 5  | 6  |
| arm  |  |  |  |  | - 0  |
| Farm buildings, cattlesheds &  | 410000   | 365952   | 313520   | 340440   | 1429912  |
|  | (17.94)  |  |  |  | (19.65)  |
| Drought animals (including   | 19928  | 127 3470 14 14700  | 12 TO  |  | 223936   |
| its acquisition)   | (0.87)   | (5.15)   | (9.49)   |  | (3.08)   |
| Total-A  | 429928   | 436472   | 432208   |  | 1653848  |
|  | (18.81)  | (31.88)  | (34.56)  |  | (22.73)  |
| gricultural machinery  | TOTAL TITLE  | THE THEFT  | BUILD TO SERVE   |  | (414.17.5)   |
| Tubewells/pumping sets   | 227376   | 159232   | 203928   | 285584   | 876120   |
| # 100 to apathecept  | (9.94)   | (11.63)  |  |  | (12.04)  |
| Machinery and equipments   | 1628648  | 773568   | 614584   |  | 4746272  |
|  | (71.25)  | (56.49)  | (49.14)  |  | (65.23)  |
| Total – B  | 1856024  | 932800   | 818512   |  | 5622392  |
|  | (81.19)  | (68.12)  | (65.44)  |  | (77.27)  |
| Grand Total (A+B)  | 2285952  | 1369272  | The state of the s |  | 7276240  |
|  | (100.00)   | (100.00)   |  |  | (100.00)   |
| estment per hectare  | 14531  | 12148  | 6759   | -  | 12274  |
|  | other structures Drought animals (including its acquisition)  Total-A  Agricultural machinery Tubewells/pumping sets  Machinery and equipments  Total – B  Grand Total (A+B) | Total – B  Grand Total (A+B)  Tarm buildings, cattlesheds & 410000 (17.94)  Total – B  Tarm buildings, cattlesheds & 410000 (17.94)  Total – B  At 10000 (17.94)  At 10000 (19.928)  (18.81)  At 10000 (19.94)  At 100000 (19.94)  At 10000 (19.94)  At 10000 (19.94)  At 10000 (19.94)  At 10000 (1 | Total – B  Machinery and equipments  Total – B  Total – | Total-A 429928 436472 432208 (18.81) (31.88) (34.56) (17.25) (56.49) (49.14) (71.25) (56.49) (49.14) (71.25) (58.12) (65.44) (Grand Total (A+B) (25.072) (100.00) (100.00) | 1 2 3 4 5  Farm buildings, cattlesheds & 410000 365952 313520 340440 other structures (17.94) (26.73) (25.07) (14.36) Drought animals (including 19928 70520 118688 14800 its acquisition) (0.87) (5.15) (9.49) (0.62)  Total-A 429928 436472 432208 355240 (18.81) (31.88) (34.56) (14.99)  Agricultural machinery Tubewells/pumping sets 227376 159232 203928 285584 (9.94) (11.63) (16.30) (12.05) Machinery and equipments 1628648 773568 614584 1729472 (71.25) (56.49) (49.14) (72.96) Total - B 1956024 932800 818512 2015056 (81.19) (68.12) (65.44) (85.01)  Grand Total (A+B) 2285952 1369272 1250720 2370296 (100.00) (100.00) (100.00) |

The perusal of the table shows that the total capital investment on farm buildings and drought animals was 22.73% against 77.27% capital investment on Tubewells/pumping sets and machinery & equipments. The capital investment in farm was the highest (34.56%) in western zone whereas it was lowest (14.99%) in southern zone during the year 2002-03. Similarly, in case of agricultural machinery, capital investment ranged between 65% to 86% in different zones. The overall capital investment per hectare was worked out to Rs. 12274.

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

| _       | tabewers pumping sers                                |                     |            |
|---------|--|---------------------|------------|
| Sr. No. | Implements   | Investment (In Rs.) | Percentage |
| 1       | 2  | 3                   | 4          |
| 1.      | Tractor with accessories                             | 3333192             | 59.26      |
| 2.      | Tubewells/pumping sets                               | 876120              | 15.58      |
| 3.      | Thrashers  | 950194              | 4 45       |
| 4.      | Carts  | 70070               | 4 00       |
| 5.      | Chaff cutters  | 42704               | 0.70       |
| 6.      | Bar harrows  | 211320              | 3.76       |
| 7       | Iron ploughs   | 18/108              | 0.00       |
| 3.      | Rollers  | 1880                | 0.03       |
| ).      | Seed drills  | 58952               | 1.05       |
| 0.      | Gur boiling pans                                     | 14 E 15 AND DE      | 1140       |
| 1.      | Cane crashers  |                     |            |
| 12.     | Miscellaneous (Triphali-Sohaga,<br>Spray pumps etc.) | 758880              | 13.49      |
|         | Total  | 5023992             | 100.00     |

It may be observed from the above table that investment on tractor with accessories was 59.26% of the total capital investment on agricultural machinery and equipments followed by 15.58% on tubewells/pumping sets, 4.45% on thrashers, 3.76% on bar harrows and 1.29% on carts, respectively. The rest of the implements accounted for 15.66% 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. Table 2.10 (a) shows the number and percentage of holdings using chemical fertilizers in all the four agro-climatic zones of the state.

Table 2.10 (a) Zone -wise number of holdings using chemical fertilizers

| Zone     | (POET)     | No. of select<br>holdings |          | No. of holdings found using chemical fertilizers | Percentage<br>to col. 2 | of col. 3  |
|----------|------------|---------------------------|----------|--|-------------------------|--|
| 1        | (90,51)    | 200                       | 207 (30) | 3 145 151  | A                       |  |
| Northern | devictors. | \$ 37                     | DOSED    | 37   | 100.00                  | - lengt  |
| Central  |            | 43                        |          | 43   | 100.00                  |  |
| Western  |            | 44                        |          |  |                         |  |
| Southern |            | 27                        |          | 07 (5.4)   | 97.73                   | the state of the s |
| Total    |            | 161                       | -        | 31   | 100.00                  | of temperature   |
| , 5441   |            | 101                       |          | 160  | 99.38                   |  |

Table 2.10 (a) reveals that 99.38 percent selected holding were using chemical fertilizers during the year 2002-03. Crop-wise area of the selected holdings where chemical fertilizers were used is presented in the following table:

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

|     | Crops _                   |                          | Irrigated                             | st af of n              | es worked or             | Unirrigated          | Area in he           | ctares |
|-----|---------------------------|--------------------------|---------------------------------------|-------------------------|--------------------------|----------------------|----------------------|--------|
| No  | DITE VITE NITE            | Total<br>cropped<br>area | Area under<br>chemical<br>fertilizers | % age of col.4 to col.3 | Total<br>cropped<br>area |                      | % age of<br>to col.6 | col.7  |
| 1   | 2                         | 3                        | 4                                     | 5                       | 6                        | 7                    | 0                    |        |
| 1.  | Paddy                     | 142.45                   | 142.45                                | 100.00                  |                          | U. b. v. a / be into | 8                    |        |
| 2.  | Bajra                     | 52.14                    | 26.54                                 | 50.90                   | 9.60                     | A Sign               |                      |        |
| 3   | Maize                     | 2.68                     | 2.49                                  | 92.91                   | 1.21                     | 4.80                 | 50.00                |        |
| 4.  | Wheat                     | 323.04                   | 271.34                                | 84.00                   |                          | 1.21                 | 100.00               |        |
| 5.  | Barley                    | 4.50                     | 0.80                                  | 17.78                   | 4.61                     | 3.91                 | 84.62                |        |
| 6.  | Sugarcane                 | 51.40                    | 47.80                                 | 93.00                   |                          | للعالمة والم         | wedus 5              |        |
| 7.  | Cotton (Desi)             | 32.30                    | 28.80                                 | 89.16                   | 0.40                     | . 25                 | attender :           |        |
| 8.  | Cotton(America            |                          | 37.50                                 | 86.11                   | 0.40                     | -                    | dhat)                |        |
| 9.  | Oilseeds<br>(Rape & Musta | 96.85                    | 93.55                                 | 96.59                   | 14.20                    | 12.55                | 88.38                |        |
| 10. | Green fodder              | 101.50                   | 69.76                                 | 68.73                   | 1.20                     | 0.40 (1100           | olg gorla            |        |
| 11. | Other crops               | 95.69                    | 86.29                                 | 90.18                   | 8.40                     | 0.40<br>1.25         | 33.33<br>14.88       |        |
|     | Total                     | 946.10                   | 807.32                                | 85.33                   | 39.62                    | 24.12                | 60.88                |        |

The data given in Table 2.10(b) reflects that the percentage of area under chemical fertilizers in the irrigated holdings was the highest i.e. 100 in case of paddy, 84.00 wheat, 93.00 sugarcane, 87.41 cotton (Desi & American) crops followed by oilseeds 96.59, maize 92.91 and green fodder 68.73, respectively of the total irrigated area sown was under chemical fertilizers. In case of unirrigated area, it was 60.88% during the year 2002-2003.

#### 2.11 Consumption of chemical fertilizers per hectare

It will be seen from Table 2.11 that the use 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 in case of sugarcane, paddy, wheat and other crops in irrigated area was 421.76 kgs., 389.86 kgs., 397.56 kgs., 343.43 kgs., respectively. The consumption of chemical fertilizers per hectare under different crops is given in Table 2.11.

Table 2.11 Consumption of chemical fertilizers per hectare under various crops during the year 2002-03

| -   | STREET, STREET | ne year zu                                       |  |                                |  |  |                                 |
|-----|--|--|--|--------------------------------|--|--|---------------------------------|
|     | Crops  | Irrigat  |  |                                |  | Inirrigated  | 10.00                           |
| No  | t f  | rea under<br>chemical<br>ertilizers<br>hectares) | Total<br>quantity of<br>fertilizers<br>used (kgs.) | Quantity<br>per hect<br>(kgs.) | Area under chemical fertilizers (hectares) | Total<br>quantity of<br>fertilizers<br>used (kgs.) | Quantity<br>per hect.<br>(kgs.) |
| 1   | 2  | 3  | 4  | 5                              | 6  | 7  | 8                               |
| 1.  | Paddy  | 142.45   | 55535  | 389.86                         | 1+Vmx                                      | S MANUEL   |                                 |
| 2.  | Bajra  | 26.54  | 2730   | 102.86                         | 4.80                                       | 250  | 52.08                           |
| 3.  | Maize  | 2.49   | 250  | 100.40                         | 1.21                                       | 100  | 82.64                           |
| 4.  | Wheat  | 271.34   | 107875   | 397.56                         | 3.91                                       | 750  | 191.82                          |
| 5.  | Barley   | 0.80   | 925  | 1156.25                        | 100  | 0 = 1-   |                                 |
| 6.  | Sugarcane  | 47.80  | 20160  | 421.76                         | T 2725 Kill II                             | that is a first                                    | 101 S. TOWN                     |
| 7,  | Cotton (Des.)  | 28.80  | 3490   | 121.18                         | illa deri-                                 | 1  | and a separate                  |
| 8.  | Cotton<br>(American)   | 37.50  | 8500   | 226.67                         | *  | ¥  | \$1 J.E                         |
| 9.  | Oilseeds<br>(Rape & Must   | 93.55<br>ard)                                    | 18125  | 193.75                         | 12.55                                      | 1825   | 145.42                          |
| 10. | Green fodder   | 69.76  | 15130  | 216.89                         | 0.40                                       | The Ships  | 19                              |
| 11. | Other crops  | 86.29  | 29635  | 343.43                         | 1.25                                       | 1400   | 1120.00                         |
|     | Total  | 807.32   | 262355   | 324.97                         | 24.12                                      | 4325   | 179.31                          |

#### 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

|             | holdings   | 240.000  | à |        | in the same of | (Area in | n hectares) |
|-------------|--|----------|---|--------|----------------|----------|-------------|
| Particulars |  | Northern | ( | entral | Western        | Southern | Total       |
|             |  | 2        |   | 3      | 4              | 5        | 6           |
| A To        | tally Irrigated holdings   |          |   |        |                |          |             |
| (1)         | Area   | 145.11   |   | 93.92  | 159.05         | 94.51    | 492.59      |
| (ii         | No. of agricultural workers  | 51       |   | 42     | 51             | 37       | 181         |
| (ii         | <ul> <li>Operated area per agricultural<br/>worker</li> </ul>  | 2.85     |   | 2.24   | 3.12           | 2.56     | 2.73        |
| BP          | artly irrigated holdings   |          |   |        |                |          |             |
| (i)         | Area   | 11.00    |   | 18.80  | 22.80          | 25.20    | 77.80       |
| (ii         | No. of agricultural workers  | 2        |   | 6      | 3              | 4        | 15          |
| (ii         | Operated area per agricultural      worker   |          |   |        |                |          | 5.19        |
| C U         | nirrigated holdings  |          |   |        |                |          |             |
| (i)         |  | 1.2.1    |   | -      | 3.20           | 18.00    | 22.41       |
| (ii         |  | 1        |   | -      | 2              | 4        | EUP VI      |
| (in         | A contract of the contract of  | 1.21     |   |        | 1.60           | 4.50     | 3.21        |
|             | Total holdings   |          |   |        |                |          |             |
| (i)         | The state of the s | 157.32   |   | 112.72 | 185.05         | 137.71   | 592.80      |
| (ii         |  | 54       |   | 48     | 56             | 45       | 203         |
| (ii         | The second secon | 2.92     |   | 2.35   | 3.31           | 3.06     | 2.92        |

The perusal of Table 2.12 shows that the total operated area per permanent agricultural worker was 2. 92 hectares. The operated area per agricultural worker in case of totally irrigated, partly irrigated and unirrigated holdings was 2.73, 5.19 and 3.21 hectares, respectively during 2002-03. The table further indicates that the western zone claimed the largest operated area i.e. 3.31 hectares per agricultural worker whereas central zone claimed the smallest area of 2.35 hectares.

#### 2.13 Wages of agricultural workers

Average annual /daily wages of a permanent agricultural worker obtained in the four agro-climatic zones is shown in the following table:

Table 2.13 Zone-wise wages of a permanent agricultural worker during 2002-03

|              | wages paid    | (In Hs.)  |  |
|--------------|---------------|-----------|--|
| Zone         | Annually (**) | Daily (*) |  |
| <br>1        | 2             | 3         |  |
| Northern     | 21154         | 85        |  |
| Central      | 20274         | 104       |  |
| Western      | 18200         | 100       |  |
| <br>Southern | 19843         | 98        |  |
| Average      | 19368         | 97        |  |

Exclusive of meal, tea, tobacco charges etc.

<sup>\*\*</sup> Inclusive of meals, tea, tobacco charges etc.

The data given in Table 2.13 shows that during the year 2002-03, total wages paid to a permanent worker for various agricultural operations worked out to Rs. 19868. Besides the permanent worker was also given meals, tea, tobacco etc. The daily wages paid to an agricultural worker (casual/hired) excluding daily facilities like meals, tea and tabacco were Rs. 97. The daily wages paid to the agricultural worker was the highest (Rs. 104) in central zone and the lowest (Rs. 85) 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 2002-03 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 2002-03

|                          |              |          |        |                  | (Area in he | ctares)     |
|--------------------------|--------------|----------|--------|------------------|-------------|-------------|
| Item                     |              | Northern | Centra | Western          | Southern    | Total       |
| 1                        |              | 2        | 3      | 4                | - 5         | 6           |
| A Totally Irrigated hold | lings        |          |        |                  |             |             |
| (i) Area                 | 17577        | 145.11   | 93.92  | 159.05           | 94.51       | 492.59      |
| (ii) No. of plough       |              | 206      | 106    | 133              | 104         | 549         |
| (iii) Operated area      |              | 0.70     | 0.89   | 1.20             | 0.91        | 0.90        |
| per plough               |              |          |        |                  | 1236/4      | 5370        |
| B Partly irrigated hold  | ings         |          |        |                  |             |             |
| (i) Area                 | NOT TOUR THE | 11.00    | 18.80  | 22.80            | 25.20       | 77.80       |
| (ii) No. of plough       |              | 17       | 20     | 11               | 18          | 66          |
| (iii) Operated area      |              | 0.65     | 0.94   | 2.07             | 1.40        | 1.18        |
| per plough               |              |          |        |                  | ALCOHOLD BY | 7.73330     |
| C Unirrigated holdings   | 3            |          |        |                  |             |             |
| (i) Area                 |              | 1.21     | -      | 3.20             | 18.00       | 22.41       |
| (ii) No. of plough       |              | 2        | -      | -                | 16 90       | 180         |
| (iii) Operated area      |              | 0.61     |        |                  | 1 10        | 1.26        |
| per plough               |              |          |        | no partie of the |             | In a second |
| Total holdings           |              |          |        |                  |             |             |
| (i) Area                 |              | 157.32   | 112.72 | 185.05           | 137.71      | 592.80      |
| (ii) No. of plough       |              | 225      | 126    | 144              | 138         | 633         |
| (iii) Operated area      |              | 0.70     | 0.90   | 1.29             | 1.00        | 0.94        |
| per plough               |              |          |        |                  | 22.450.70   | Automatic A |

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 2002-03 taking into account both animal and tractor power worked out to 0.94 hectares. The operated area per plough was highest (1.26 hectares) in case of unirrigated holdings. Among different zones, the figures varied from 0.70 hectares to 1.20 hectares under different types of holdings.

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

Table 2.15 shows that a cultivator on an average actually worked with his plough for 50 days during the year 2002-03.

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

| Ty     | pe of holdings                 | Northern   | Central    | Western            | Southern   | Tota         |
|--------|--------------------------------|------------|------------|--------------------|--|--------------|
|        | 1                              | 2          | 3          | 4                  | 5  | 6            |
| A Tota | ally Irrigated holdings        | O PROPERTY | OCHEV RECE | A LIBRARIA AND     | PAUL DATE:   | VIII I       |
| (i)    | No. of working days            | 10018      | 5818       | 10991              | 6358   | 33185        |
| (ii)   | No. of plough                  | 206        | 106        | 133                | 104  | 549          |
| (ii)   | No. of working days per plough | 49         | 55         | 83                 | 61   | 60           |
| B Par  | tly irrigated holdings         |            |            |                    | The second second  |              |
| (i)    | No. of working days            | 323        | 2033       | 727                | 1195   | 4278         |
| (ii)   | No. of plough                  | 17         | 20         | 11                 | 18   | 66           |
| (iii)  | No. of working days per plough | 19         | 102        | 66                 | 66   | 65           |
| C Uni  | rrigated holdings              |            |            | Committee and life | and the state of t |              |
| (i)    | No. of working days            | 80         |            | -                  | 194  | 274          |
| (ii)   | No. of plough                  | 2          | ednizdi    |                    | 16   | 18           |
| (iv)   |                                | 40         | 8          |                    | 12   | - 15         |
| D Tota | II (A+B+C)                     | 13.70      |            |                    | lort belapin   | Land Service |
| (i)    | No. of working days            | 10421      | 7851       | 11718              | 7747   | 3778         |
| (ii)   | No. of plough                  | 225        | 126        | 144                | 138  | 633          |
| (iii)  | No. of working days per plough | 46         | 62         | 81                 | 56   | 60           |

The above table reveals that on an average, a cultivator worked with his plough for 60 days during the year 2002-03. The number of working days per plough was higher (65 days) in partly irrigated holdings than that of unirrigated holdings (15 days). It is also evident from the table that the maximum number of working days per plough was 81 in western zones and minimum 46 in northern zone.

#### 2.16 Maintenance cost per pair of bullocks

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

Table 2.16 Zone-wise break up of the maintenance cost per pair of bullocks during 2002-03

|      |                         |          |          |          |          | (in Rs.)        |
|------|-------------------------|----------|----------|----------|----------|-----------------|
| Sr.N | lo. Item                | Northern | Central  | Western  | Southern | Overall average |
| 1    | 2                       | 3        | 4        | 5        | 6        | 7               |
| 1    | Fodder                  | 4327     | 4865     | 4387     | 4000     | 4395            |
|      |                         | (44.00)  | (46.28)  | (46.37)  | (26.53)  | (32.72)         |
| 2    | Concentrates            | 645      | 847      | 479      | 1000     | 2971            |
|      |                         | (6.00)   | (8.06)   | (5.06)   | (6.63)   | (22.12)         |
| 3.   | Upkeep labour           | 3635     | 3652     | 3244     | 6000     | 4133            |
|      |                         | (37.00)  | (34.74)  | (34.29)  | (39.80)  | (30.77)         |
| 4.   | Interest & depreciation | 726      | 674      | 1012     | 3700     | 1528            |
|      | on capital cost         | (7.00)   | (6.41)   | (10.70)  | (24.55)  | (11.38)         |
| 5,   | Housing (Cattleshed)    | 396      | 409      | 314      | 375      | 373             |
|      |                         | (4.00)   | (3.89)   | (3.32)   | (2.49)   | (2.78)          |
| 6.   | Medical care &          | 33       | 65       | 25       |          | 31              |
|      | miscellaneous           |          | (0.62)   | (0.26)   |          | (0.23)          |
|      | Total                   | 9762     | 10512    | 9461     | 15075    | 13431           |
|      |                         | (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 2002-03 was Rs. 13431. The expenditure on fodder and concentrates taken together formed 54.84% of the total maintenance cost. The percentage of upkeep labour and interest on capital investment on bullocks was 30.77 and 11.38, respectively. The expenditure on housing (cattlesned) and medical care was merely 2.75% and 0.23%, respectively. The maintenance cost per pair of bullocks was highest i.e. Rs. 15075 in southern zone and minimum Rs. 9461 in western zone during 2002-03.

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#### CHAPTER-III

#### **ECONOMICS 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 unirrigated 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 2002-03

|     |                       |          |         |         |          | (In Rs.) |
|-----|-----------------------|----------|---------|---------|----------|----------|
| Sr. | No. Crops             | Northern | Central | Western | Southern | Overall  |
| 1_  | 2                     | 3        | 4       | 5       | 6        | 7        |
| 1.  | Paddy                 | 29340    | 34857   | 23396   | 24931    | 30026    |
| 2.  | Wheat (Grain)         | 24694    | 25767   | 21658   | 22161    | 23685    |
| 3.  | Wheat (Bhusa)         | 4521     | 5076    | 4007    | 4200     | 4464     |
| 4.  | Barley (Grain)        |          |         | 3954    | 14164    | 11669    |
| 5.  | Barley (Bhusa)        | 30       |         | 727     | 2365     | 1964     |
| 6.  | Bajra (Grain)         | -        | 5393    | 3237    | 2457     | 3242     |
| 7.  | Maize (Grain)         | 15175    | 6000    | -       |          | 13806    |
| 8.  | Gram (Grain)          | 40000    | 22000   | 8477    | 7732     | 9403     |
| 9.  | Gram (Bhusa)          | (*)      | 6038    | 846     | 903      | 1381     |
| 10. | Other pulses (Grain)  | 9135     | 11550   | 13392   | 4111     | 7327     |
| 11. | Other pulses (Bhusa)  | 68       | 278     |         | 122      | 111      |
| 12. | Cotton (Desi)         |          | 12000   | 23921   | -        | 22814    |
| 13. | Cotton (American)     | 5=       | 10085   | 21640   |          | 20195    |
| 14. | Cotton (Sticks)       | 54       | 499     | 505     |          | 381      |
| 15. | Sugarcane             | 46861    | 40611   | 50000   | 26339    | 45123    |
| 16. | Oilseeds              | 3200     | 16643   | 18570   | 17080    | 17758    |
|     | (Rape & Mustard)      |          |         |         |          | 100      |
| 17. | Green fodder          | 20979    | 16368   | 12374   | 7614     | 15077    |
| 18. | Stalks of Paddy, Jowa |          | 3876    | 1707    | 1946     | 3252     |
|     | Bajra, Maize & sugaro |          | 22.2    |         |          | OLUM     |
| 19. | Other crops           | 21340    | 23691   | 12809   | 8557     | 14105    |

Table 3.1 (b) Zone-wise average gross income per hectare from different crops in unirrigated holdings during 2002-03

| Sr.N | lo. Crops           | Northern                               | Central | Western | Southern | Overall average         |
|------|---------------------|--|---------|---------|----------|-------------------------|
| 1    | 2                   | 3                                      | 4       | 5       | 6        | 7                       |
| 1,   | Paddy               |  | -19 - 2 |         | 5-45     | Service Annual Control  |
| 2.   | Wheat (Grain)       | 15524                                  | 16200   | 15750   | 26000    | 16555                   |
| 3.   | Wheat (Bhusa)       | 3006                                   | 2571    | 4500    | 8000     | 3503                    |
| 4.   | Barley (Grain)      |  |         |         |          |                         |
| 5.   | Barley (Bhusa)      |  |         | -       |          | W.Co.Co.Co              |
| 6.   | Bajra (Grain)       | 130 34                                 | 6000    | 1000    | 321      | 813                     |
| 7.   | Maize (Grain)       | 9917                                   | 19332   | dia L   | - 6-     | 9917                    |
| 8.   | Gram (Grain)        | 0.000                                  | 95181   | 21250   | 5250     | 11650                   |
| 9.   | Gram (Bhusa)        | . 10191                                | Treat   | 1562    | 708      | 1050                    |
| 10.  | Other pulses (Grain | n)15000                                | 1881    |         | ₽ .      | 15000                   |
| 11.  | Other pulses (Bhus  | sa)3000                                | 21901   |         |          | 3000                    |
| 12.  | Cotton (Desi)       |  |         | 8500    |          | 8500                    |
| 13.  | Cotton (American)   | - 0365                                 |         | 180     | Office   | 11-15 (400)             |
| 14.  | Cotton (Sticks)     |  |         | 0       | No. 14   | (14)                    |
| 15.  | Sugarcane           |  | - 1     | (1/20)  | 17714    | 1.1040111               |
| 16.  | Oilseeds (Rape      |  | 34375   | 20700   | 28090    | 27581                   |
|      | & Mustard)          |  |         |         |          | e-ora (1)               |
| 17.  | Green fodder        | 12500                                  | 17500   | 200     | 29/61    | 15833                   |
| 18.  | Stalks of Jowar,    | * (*********************************** |         |         | 4808     | 4808                    |
|      | Bajra, Maize & sug  |  |         |         | ruezo.   | All a the same state of |
| 19.  | Other crops         | 22500                                  |         |         | 3833     | 8500                    |

th 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 i.e. Rs. 45123, Rs. 30026, Rs. 23685, Rs. 17758 and Rs. 15077, respectively. The corresponding figures for the unirrigated holdings of oilseeds, green fodder, wheat were Rs. 27581, Rs. 15833 and Rs. 16555, respectively. Group-wise gross income, expenditure and net income per hectare of peasant proprietorship and peasant proprietorship -cum-tenant under irrigated and unirrigated holdings have been presented in Table 3.2.

The many systems recording passent productions are present promining to accompany passent of the contract of the contract of the passent production of the contract of the con

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Table 3.2 Group-wise gross income, expenditure and net income per hectare of peasant-Proprietorship and peasant-proprietorship-cum-tenant under irrigated and unirrigated holdings during 2002-03

|                        | 111111111111111111111111111111111111111 |             |               |        | D                               | (In Rs.)   | Tie |  |
|------------------------|---|-------------|---------------|--------|---------------------------------|--|-----|--|
| Size group of          | Peasant-proprietorship                  |             |               | Peasan | Peasant-proprietorship-cum-tena |  |     |  |
| holdings<br>(hectares) | Gross<br>Income                         | Expenditure | Net<br>Income | Gross  | Expenditure                     | Net<br>Income  | 1   |  |
| 1                      | 2                                       | 3           | 4             | 5      | 6                               | 7_   |     |  |
| Irrigated              |   |             |               |        | To an a                         | radii sassee di  |     |  |
| Below 2.0              | 40563                                   | 18287       | 22276         | 46444  | 26720                           | 19724  |     |  |
| 2.0-4.0                | 43657                                   | 21405       | 22251         | 51229  | 30994                           | 20234  |     |  |
| 4.0-7.5                | 34594                                   | 18415       | 16179         | 40640  | 26794                           | 13846  |     |  |
| 7.5-10.0               | 29223                                   | 14353       | 14870         | 56264  | 30464                           | 25800  |     |  |
| 10.0 & above           | 2939                                    | 1101        | 1837          | 52286  | 33939                           | 18341  |     |  |
| Average                | 38755                                   | 19112       | 19643         | 48904  | 29898                           | 19006  |     |  |
| Unirrigated            |   | 1/028       |               |        | 11                              | Coppo ilbi   |     |  |
| Below 2.0              | 12606                                   | 6516        | 6090          | 16960  | 10617                           | 6343   |     |  |
| 2.0-4.0                | 6458                                    | 7674        | 1216          |        | (a) (c)                         | - Callin St  |     |  |
| 4.0-7.5                | 11073                                   | 3926        | 7147          | 100    |                                 | - Spennadii  |     |  |
| 7.5-10.0               | 12341                                   | 5506        | 9047          | 310    |                                 | I HOMITON  |     |  |
| 10.0 & above           | 14                                      |             | -             | -      | *                               | priumoulvi (8 -c)  |     |  |
| Average                | 11783                                   | 5525        | 6258          | 16960  | 10617                           | 6343   |     |  |
| Overall average        | 35975                                   | 17712       | 18263         | 48402  | 29600                           | 18802  | 181 |  |
|                        |   |             |               |        |                                 | The state of the s |     |  |

The figures indicated in Table 3.2 show that gross income per hectare under peasant-proprietorship was highest in the size group of 2.0-4.0 hectares as compared to the other size groups in the irrigated holdings whereas the income per hectare was minimum in the size group of 10.0 hectares & above. In case of unirrigated size group of holdings, the maximum gross income was recorded in the size group of below 2.0 hectares followed by size group of 7.5-10.0 hectares. Similarly, under peasant-proprietorship-cum-tenant holdings the highest gross income was observed in the size group of 7.5-10.0 hectares and above whereas the size group of 10.0 & above hectares was on the second position followed by 2.0-4.0 hectares group.

#### 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-tenant prevalent in the state is presented in the following paragraphs:-

#### (A)- Peasant Proprietorship

Peasant proprietorship possesses 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-tenant

Under this system, he acquires some additional land on rent/batal 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 atc. 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-tenant system have been calculated separately for irrigated and unirrigated areas and is shown in Table 3.3.

Table 3.3 Zone-wise net income per hectare of peasant proprietorship and peasant proprietorship-cum-tenant under irrigated and unirrigated holdings separately during 2002-03

| Zone            | Per             | asant proprietors | ship          | Peasant proprietorship-cum-tenant . |                      |               |     |  |
|-----------------|-----------------|-------------------|---------------|-------------------------------------|----------------------|---------------|-----|--|
| -               | Gross<br>Income | Expenditure       | Net<br>Income | Gross<br>Income                     | Expenditure          | Net<br>return |     |  |
| 1               | 2               | 3                 | 4             | 5                                   | 6                    | 7             | -   |  |
| Irrigated       |                 |                   |               |                                     |                      | Safe, TV      | 1   |  |
| Northern        | 53341           | 27288             | 26053         | 55981                               | 34474                | 21507         |     |  |
| Central         | 47157           | 20271             | 26885         | 52853                               | 27667                | 25186         |     |  |
| Western         | 33681           | 15547             | 18134         | 44398                               | 28052                | 16346         |     |  |
| Southern        | 26023           | 16154             | 9869          | 31625                               | 24313                | 7312          |     |  |
| Average         | 38755           | 19112             | 19643         | 48904                               | 29898                | 19006         | 14/ |  |
| Unirrigated     |                 | 515(69)           |               | 200                                 |                      |               | TU  |  |
| Northern        | 19620           | 8155              | 11465         | 16960                               | 10617                | 6343          |     |  |
| Central         | 11302           | 11089             | 213           | CI BUILT -6                         |                      | -             |     |  |
| Western         | 7944            | 3945              | 3999          |                                     | -                    |               |     |  |
| Southern        | 13078           | 5149              | 7928          | ne mm neja a                        | the true life in the | 0.10          |     |  |
| Average         | 11783           | 5525              | 6258          | 16960                               | 10617                | 6343          | Har |  |
| Overall average | 35975           | 17712             | 18263         | 48402                               | 29600                | 18802         |     |  |

It is observed from the above table that overall average gross income, expenditure and net income per hectare for irrigated and unrigated areas taken together under peasant proprietorship worked out to Rs. 35975, Rs. 17712 and Rs. 18263, respectively. Under peasant proprietorship-cum-tenant holdings, the average gross income, expenditure and income per hectare for irrigated and unirrigated areas was estimated at Rs. 48402, Rs. 29600 and Rs. 18802, respectively. The table

further shows that gross income in irrigated areas under both land tenant systems was the highest in northern zone whereas the lowest income was recorded in southern zone.

## 3.3 Comparative position of net income under two types of land tenure systems

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 3.4

Table 3.4 Group-wise and zone-wise net income per hectare according to peasant proprietorship & peasant-proprietorship-cum-tenant system

| A- Group wise  |  | Peasant  | DUE NAME  | Peasant prop | rietor-        |           |        |
|--|--|--|-----------|--------------|----------------|-----------|--------|
| The state of the s |  | The same of the sa |           | ship-cum-ten |                |           |        |
| 1  |  | 2  |           | 3            |                |           |        |
| Irrigated  | L HMHAY2 BHIC  | MINIO MINIONARE  |           |              |                |           | 1      |
| Below 2.0  |  | 22276  |           | 19724        |                |           |        |
| 2.0-4.0  |  | 22252  |           | 20234        |                |           |        |
| 4.0-7.0  |  | 16179  |           | 13846        |                |           |        |
|  |  | 14870  |           | 25800        |                |           |        |
| 10 & above   |  | 1837   |           | 18347        |                |           |        |
| Average  |  | 19643  |           | 19006        |                |           |        |
| Unirrigated  | Transfer Did   | No palevornosi p   | THE DOCK  | Dillonde for | CHI SUUN BU    |           |        |
| Below 2.0  |  | 6090   |           | 6343         |                |           |        |
| 2.0-4.0  |  | 1216   |           |              |                |           |        |
| 4.0-7.5  |  | 7147   |           | iliana tempo |                |           |        |
| 7.5-10.0   |  | 9047   |           | omnuoro insa |                |           |        |
| 10 & above   | The same of the sa | T. THINK THE PARTY OF THE  |           | ·            |                |           |        |
| Average  |  | 6258   | ALC: DAME | 6343         | HI CASE OF THE | C IS USSE |        |
| B- Zone wise   | name brid order  | commignie Innaes   | ото нит   |              | on the service | note Ex   | IIIdii |
| Irrigated  |  |  |           |              |                |           |        |
| Northern   |  | 26053  |           | 21507        |                |           |        |
| Central  |  | 26885  |           | 25186        |                |           |        |
| Western  |  | 18134  |           | 16346        |                |           |        |
| Southern   |  | 9869   |           | 7312         |                |           |        |
| Average  |  | 19643  |           | 19006        |                |           | -      |
| Unirrigated  |  |  |           | -            |                | - no      | norm   |
| Northern   |  | 11465  |           | 6343         |                |           |        |
| Central  |  |  |           | 0040         |                |           |        |
| Western  |  | 3999   |           | VAC 1        |                |           |        |
| Southern   |  |  |           | +8761 -      |                |           |        |
| Average  | 96866  | 6258   | 18643     | 6343         | 28700          |           | 519V   |
| Overall average  |  | 18263  |           | 18802        |                | tested    | _      |
| overall average  |  | 18263  |           | 18802        |                |           |        |

Inferences can be drawn from the above table that the holdings under peasant proprietorship are more profitable than the peasant proprietorship-cum-tenant. The overall average net income per hectare of the operated area of a peasant proprietorship and peasant proprietorship-cum-tenant was Rs. 18263 and Rs. 18802, respectively under different size of groups as well as in zones during 2002-2003.

restant out to PAL 28572. But 17712 and Parallelestanian political union presents proprieting

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#### CHAPTER - IV

#### SUMMARY AND CONCLUSION

The report on 'Economics of Farming in Haryana' provides a comprehensive analysis of a cultivator's farm economy and highlights indepth 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 161 selected holdings under two commonly practised systems of land tenure i.e. peasant proprietorship and peasant proprietorship-cum-tenant. The main findings of the study are as under:-

- The total operated area of 161 selected holdings under this study was 592.80 hectares. Out
  of which, the area under peasant proprietorship and peasant proprietorship-cum-tenant was 442.23
  hectares and 150.57 hectares, respectively. The average size of holdings was 3.68 hectares.
- Out of total 161 selected holdings, 140 holdings (86.95%) were irrigated and 7 holdings (4.35%) were unirrigated. The remaining 14 holdings (8.70%) were partly irrigated. The analysis has further revealed that 91.73% of the area held under selected holdings was irrigated. The average intensity of cropping on irrigated and unirrigated lands of selected holdings worked out to 173.98% and 80.80%, respectively. The overall intensity was 166.28%.
- 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 55.47, 2.31 and 23.69 as against 38.91, 11.11 and 36.85, respectively in case of unirrigated areas.
- 4. The study further indicated that 99.38% selected holdings used chemical fertilizers. The average consumption of chemical fertilizers per hectare in irrigated and unirrigated area was 324.97 kgs., and 179.31 kgs., respectively.
- The total capital investment per hectare was found to be Rs.12274, out of which 77.27% was utilised for agricultural machinery & tubewell/pumping sets and remaining 22.73% on farm building, cattlesheds and draught animals.
- The average operated area per permanent worker was 2.92 hectares. A permanent hired agricultural worker was paid Rs. 19868 per annum while a casual daily wage worker was given Rs. 97 per day.
- 7. Average yield per hectare of paddy, wheat, bajra, maize, barley, gram, oilseeds & sugarcane was 3975 kgs., 3759 kgs., 572 kgs., 2537 kgs., 2378 kgs., 599 kgs., 1052 kgs., and 49080 kgs., respectively on irrigated land as compared to 2603 kgs., yield of wheat, bajra, 292 kgs., maize 1653 kgs., gram 725 kgs. oilseeds 1528 kgs., respectively under unirigated land.
- 8. The gross income per hectare of different crops like wheat, gram, sugarcane & oilseeds was Rs. 23685, Rs. 9408, Rs. 45123 and Rs. 17758, respectively in irrigated areas. The corresponding figures under wheat, gram & oilseeds crops were Rs. 16555, Rs. 11650 & 27581, respectively in unirrigated areas.

- 9. The average gross income of peasant proprietor per hectare worked out to Rs. 38755 on irrigated lands as against Rs. 11783 on barani lands and average net income per hectare calculated at Rs. 19643 from irrigated lands as compared to Rs. 6258 from unirrigated lands. In case of peasant proprietorship-cum-tenant holdings, the average gross income per hectare was calculated at Rs. 48904 on irrigated lands as against Rs. 16960 on unirrigated lands. Average net income per hectare worked out to Rs. 19006 from irrigated lands as compared to Rs. 6343 from barani lands.
- The gross income per hectare of operated area of peasant proprietorship & peasant proprietorship-cum-tenant was Rs. 35975 & Rs. 48402, during the year 2002-2003.
- 11. The study further concluded that per hectare expenditure realised by the sampled cultivarors from farm cultivation was Rs. 17712 & Rs. 29600 respectively under peasant proprietorship & peasant proprietorship-cum-tenant.
- The net income per hectare of operated area came out to Rs. 18263 & Rs. 18802 under both types of lend tenure systems during 2002-03.

The short area of the see that see that see the see that the see that

Average yield per hazzare of pacity, whose being maice, before grain, discussed & insurance of each series are light, 3759 kgs. 5759 kgs

to the same that a tree is a same and the sa

APPENDIX-I

## List of Selected Holdings (2002-2003)

( Area in hectares) Unirrigated Total Holdings Irrigated Zene District 5 6 4 2 3 1 2.80 2.80 Northern Ambala Alipur 3.20 3.20 Sullar 5.20 5.20 Mohra 3.70 3,70 Barara 2.00 5.00 3.00 Patvi 1.21 1.21 Morni Panchkula 3.20 3.20 Surajpur Kiratpur 3.20 3.20 3.80 3.80 Barwala 1.20 1.20 Karnal Bada Gaon 1.51 1.51 Bazidpur 1.70 1.70 Dadupur Roran 1.80 1.80 Garhi Gujran 1.50 1.50 Biina 3.90 3.90 Arainpura 5.40 5.40 Fusgarh 9.00 Padhana 9.00 3.90 3.90 Khanpur Kolian Kurukshetra 4.40 4.40 Jandhera 4.60 Kamoda 4.60 2.00 Sandholi 2.00 4.80 4.80 Dadlu 5.80 5.80 Phalsanda Rangran 0.70 6.00 5.30 Thaska Miranji 1.80 1.80 Panipat. Diwana 2.40 2.40 Didwari 2.40 2.40 Hathwala 3.00 3.00 Nara Khurd Kurar 4.00 4.00 2.40 2,40 Sabepur Yamuna Nagar 3.00 Bheel Chhappar 3.00 3.30 3.30 Jubbal 3,40 3.40 Sarawan 4.80 4.80 Radauri 7.20 7.20 Gundiana 10.80 Dariyapur 10.80 20.00 Balachaur 20.00 157.32

153,41

Total

3.91

LXITTHIS I

| Zone     | District | Holdings               | Irrigated | Unirrigated | Total  |  |
|----------|----------|------------------------|-----------|-------------|--------|--|
| 1        | 2        | 3                      | 4         | 5           | 6      |  |
| Centran  | Jind     | Dalamwala              | 1.10      |             | 1.10   |  |
| Centilan |          | Naguran                | 2.60      |             | 2.60   |  |
|          |          | Palwan                 | 2.00      | nn s        | 2.00   |  |
|          |          | Budha Khera            | 2.40      | 18 m        | 2.40   |  |
|          |          | Shila Kheri            | 4.30      | 100         | 4.30   |  |
|          |          | Chopra patti (Narwana) | 3.60      |             | 3.60   |  |
|          |          | Barah Kalan            | 4.00      |             | 4.00   |  |
|          |          | Desh Khera             | 4.80      | 07. 5.176   | 4.80   |  |
|          |          | Budha Khera            | m man     |             | 3.70   |  |
|          |          | Chopra patti (Narwana) | 4.80      |             | 4.80   |  |
|          |          | Uchana Khurd           | 1.30      |             | 1.30   |  |
|          | Kaithal  | Chhot                  | 0.80      |             | 0.80   |  |
|          |          | Rajaund                | 2.00      |             | 2.00   |  |
|          |          | Mohna                  | 2.00      |             | 2.00   |  |
|          |          | Kharak Pandwan         | 2.80      |             | 2.80   |  |
|          |          | Harigarh Kingan        | 2.80      |             | 2.80   |  |
|          |          | Barot                  | 3.20      | 05          | 3.20   |  |
|          |          | Barot                  | 8.80      |             | 8.80   |  |
|          | Deficie  | Bhalot                 | 0.80      |             | 0.80   |  |
|          | Rohtak   | Bhalot                 | 1.00      |             | 1.00   |  |
|          |          | Kheri Sampla           | 1.00      |             | 1.00   |  |
|          |          | Kheri Sampla           |           |             | 1.40   |  |
|          |          | Lakhan Majra           |           |             | 2.00   |  |
|          |          | Madina Majra           | 1.40      |             | 2.40   |  |
|          |          | Bhali Anandpur         | 3.20      | 0.80        | 4.00   |  |
|          |          |                        |           |             | 2.00   |  |
|          | Jhajjar  | Lakhan Majra           |           | id a si ii  | 1.52   |  |
|          | Jhajjar  | Dhandhlan              |           | all ex      | 1.52   |  |
|          |          | Dhandhlan              | 1.60      |             | 1.60   |  |
|          |          | Matanhel               | 2.00      |             | 2.00   |  |
|          |          | Salhawas               | 2.00      |             | 2.00   |  |
|          |          | Salhawas               | * * *     |             | 2.80   |  |
|          |          | Hasanpur               |           |             | 2.80   |  |
|          |          | Hasanpur               | 3.20      |             | 3.20   |  |
|          |          | Dulhera                |           |             | 0.40   |  |
|          | Sonipat  | Ridhau                 | 0.40      |             | 1.60   |  |
|          |          | Kheri Dhamkan          | 1.30      |             | 1.90   |  |
|          |          | Mudlana                | 1.50      |             | 2.20   |  |
|          |          | Rohat                  | 2.20      |             | 2.20   |  |
|          |          | Bhigan                 | 2.20      |             | 2.40   |  |
|          |          | Rai                    | 2.40      |             | 3.40   |  |
|          |          | Mohana                 | 2.60      | 0.80        |        |  |
|          |          | Chitana                | 4.08      | 1.60        | 4.08   |  |
|          |          | Gudha                  | 3.90      | 1,60        | 5.50   |  |
|          |          | Total                  | 107.82    | 4,90        | 112.72 |  |

| Zone    | District  |    | Holdings      | Irrigated | Unirrigated | Total        |
|---------|-----------|----|---------------|-----------|-------------|--------------|
| 1       | 2         |    | 3             | 4         | 5           | 6            |
| Western | Bhiwani   |    | Hetam Pura    | 1/2       | 1.60        | 1.60         |
|         |           |    | Gignow .      | 1.60      |             | 1.60         |
|         |           |    | Chandeni      | 1.60      |             | 1.60         |
|         |           |    | Gignow        | 1.60      | 9           | 1.60         |
|         |           |    | Jattu Lohari  | 2.00      |             | 2.00         |
|         |           |    | Jattu Lohari  | 2.00      | -           | 2.00         |
|         |           |    | Chang         | 2.00      |             | 2.00         |
|         |           |    | Hetam Pura    | 0.71      | 1.60        | 1.60         |
|         |           |    | Loharwara     | 2,40      | -           | 2.40         |
|         |           |    | Loharwara     | 3.20      | -           | 3.20         |
|         |           |    | Chang         | 3.20      |             | 3.20         |
|         |           |    | Chandeni      | 3.20      |             | 3.20         |
|         |           |    | Bhariwas      | 4.00      | 2           | 4.00         |
|         |           |    | Sagwan        | 4.80      | 2           | 4.80         |
|         |           |    | Sagwan        | 4.80      |             | 4.80         |
|         |           |    | Dhani Hunat   | 6.80      | 8.00        | 14.80        |
|         | Hisar     |    | Litani        | 1.10      |             | 1.10         |
|         |           |    | Majra         | 1.70      |             | 1.70         |
|         |           |    | Data          | 2.00      |             | 2.00         |
|         |           |    | Arya Nagar    | 2.80      |             | 2.80         |
|         |           |    | Behbalpur     | 3.25      |             | 3.25         |
|         |           |    | Bhatol Jattan | 3.60      |             | 3.60         |
|         |           |    | Pabra         | 3.00      |             | 3.00         |
|         |           |    | Sarsod        | 2.80      |             | 2.80         |
|         |           |    | Dhiranwas     | 4.30      |             | 4.30         |
|         |           |    | Harikot       | 4.55      |             | 4.55         |
|         | 4.5       |    | Namaund       | 6.40      |             | 6.40         |
|         |           |    | Agroha        | 7.20      | 0.80        | 8.00         |
|         |           |    | Balawas       | 9.00      | 0.00        | 9.00         |
|         |           |    | Kavrale       | 8.40      |             | 8.40         |
|         |           |    | Moda Khera    | 14.00     |             | 14.00        |
|         | Park.     |    |               | 1.00      | 9 100       | 1.00         |
|         | Fatehabad | I. | Kanheri       | 4.00      | - 2         | 4.00         |
|         |           |    | Nahla         | 5.40      | - 2         | 5.40         |
|         |           |    | Matana        |           | 3           | 6.80         |
|         |           |    | Aharwan       | 6.80      |             |              |
|         | -         |    | Bhattu Kalan  | 6.40      |             | 6.40<br>1.05 |
|         | Sirsa     |    | Abholi        | 1.05      | - 1         | 2.00         |
|         |           |    | Bhawdin       | 2.00      |             |              |
|         |           |    | Malekan       | 2.30      | 35          | 2.30         |
|         |           |    | Panihari      | 3.20      |             | 3.20         |
|         |           |    | Nejia Khera   | 4.00      | 25          | 4.00         |
|         |           |    | Banwala       | 6.40      | 19          | 6.40         |
|         |           |    | Odhan         | 7.20      | 25          | 7.20         |
|         |           |    | Sahuwala      | 6.00      |             | 6.00         |
|         |           |    | Total         | 173.05    | 12.00       | 185.05       |

| Zone      | District   |       | Heldings     | Irrigated | Unirrigated | Total  |
|-----------|--|-------|--------------|-----------|-------------|--------|
| 1         | Uo. 2  | 1.60  | -3           | 4         | 5           | 6      |
| Carathana | Address of the Park of the Par |       | Likhi        | 1.20      |             | 1.20   |
| Southern  | rangabac   |       | Prithla      | 2,40      |             | 2.40   |
|           |  |       | Prithla      | 2.40      |             | 2.40   |
|           |  |       |              | 3.70      |             | 3.70   |
|           | 00.0   |       | Bhupgarh     | 4.00      |             | 4.00   |
|           |  |       | Nacholi      | 4,00      |             | 4.00   |
|           |  |       | Nacholi      | 4.36      | 200         | 4.36   |
|           |  |       | Likhi        | 4.80      |             | 4.80   |
|           |  | N.    | Midkola      |           |             | 6.60   |
|           |  |       | Sikri        | 6.60      |             | 6.60   |
|           |  |       | Sikri        | 6.60      |             | 3.60   |
|           | Gurgaon  |       | BondaKalan   | 3.60      | -           | 1.20   |
|           |  |       | Jamalpur     | 1.20      | 2.02        |        |
|           |  |       | Nasir Was    | 4.80      | 2.00        | 6.80   |
|           |  |       | Padheni      | 2.00      |             | 1.00   |
|           |  |       | Bhondsi      | 1.00      | 0.20        | 1.20   |
|           |  |       | Khentawas    | 2.40      | -           | 2.40   |
|           |  |       | Wazir Pur    | 7.60      |             | 7.60   |
|           |  |       | Malab        | 17:00     | 6.80        | 6.80   |
|           |  |       | Bichhor      | 8.00      |             | 8.00   |
|           |  |       | Kheri Nuh    | -FIRE -B  | 8.40        | 8.40   |
|           | Mahende  | rgarh | Uninda       | 1.00      | -           | 1.00   |
|           |  |       | Napla        | 2007      | 1.20        | 1.20   |
|           |  |       | Sehlang      | 1.60      | *           | 1.60   |
|           |  |       | God          |           | 1.60        | 1.60   |
|           |  |       | Kanina       | 3.00      |             | 3.00   |
|           |  |       | Riwasa       | 5.75      |             | 5.75   |
|           |  |       | Shaharpur    | 1.70      |             | 1.70   |
|           |  |       | Nangal Nunia | 4 (3/3    | 2.40        | 6.40   |
|           |  |       | Satnali      | 5.20      | 5.60        | 10.80  |
|           | Rewari   |       | Suthana      | 0.80      | 2.00        | 0.80   |
|           | Rewan  |       | Manethi      | 1.20      |             | 1.20   |
|           |  |       |              | 1.20      |             | 1.20   |
|           |  |       | Palhawas     | 1.60      |             | 1.60   |
| - 1       |  |       | Palhawas     | 1.60      |             | 1.60   |
|           |  |       | Manethi      |           | - 23        | 3.20   |
|           |  |       | Maheshwari   | 3.20      | ā           | 3.60   |
|           |  |       | Nahar        | 3.60      | -           |        |
|           |  |       | Suthana      | 4.40      |             | 4.40   |
|           | No.  |       | Total        | 109.51    | 28.20       | 137.71 |
|           | nsi  |       |              | lim(l=)4  |             |        |
|           |  |       |              |           |             |        |
|           |  |       |              |           |             |        |
|           |  |       |              |           |             |        |
|           |  |       |              |           |             |        |
|           |  |       |              |           |             |        |

APPENDIX – II-A

Cropped area, Yield and its Value of crops sown on Irrigated Land (Kharif) 2002-03

| Zone     | District                                 | Holdings          | 11 32 7  | Paddy  |                          |                 | Bajra           | -              |
|----------|--|-------------------|--|--------|--------------------------|-----------------|-----------------|----------------|
|          |  |                   | Area<br>(Hects)  | Yield  | Value<br>(Rs.)           | Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) |
|          |  |                   | The State of the S | (Qtls) | The second second second | 7               |                 | 9              |
| 1        | 2  | 3                 | 4  | 5      | 6                        | /               | 8               |                |
| Northern | Ambala                                   | Alipur            | 1.40   | 70.00  | 40600                    | 2               |                 |                |
|          |  | Sullar            | 2.40   | 75.00  | 49900                    | - 2             | 2               |                |
|          |  | Mohra             | 3.80   | 132.00 | 84560                    |                 | 2               |                |
|          |  | Barara            | 3.00   | 114.00 | 75000                    |                 | -               |                |
|          |  | Patvi             |  |        | -                        |                 |                 | -              |
|          | Panchkula                                | Surajpur          | -  | -      |                          |                 | +               | 2              |
|          |  | Kiratpur          | 0.32   | 10.00  | 5800                     |                 | +               | 9              |
|          |  | Barwala           | 1.40   | 60.00  | 34800                    | **              |                 |                |
|          | Karnal                                   | Bada Gaon         | 1.20   | 78.00  | 39390                    |                 |                 |                |
|          |  | Bazidpur          | 1.11   | 60.00  | 30000                    | 2               | -               |                |
|          |  | Dadupur Roran     | 1.50   | 55.00  | 52000                    | -               |                 |                |
|          |  | Garhi Gujran      | 0.70   | 39.00  | 21060                    |                 |                 |                |
|          |  | Bijna             | 1.40   | 68.00  | 39440                    | 17              | -               |                |
|          |  | Arainpura         | 2.80   | 140.00 | 70900                    | 2               | 2               | -              |
|          |  | Fusgarh           | 2.82   | 154.00 | 69300                    | 2.1             | 25              |                |
|          |  | Padhana           | 6.90   | 275.00 | 174984                   | -               | 2               |                |
|          | Kurukshetra                              | Khanpur Kolian    | 3.90   | 190.00 | 110200                   | -               | -               | - 4            |
|          |  | Jandhera          | 2.00   | 90.00  | 90000                    |                 | 27              | 2              |
|          |  | Kamoda            | 4.20   | 178.00 | 99580                    | -               |                 | 14             |
|          |  | Sandholi          | 1.80   | 67.00  | 30150                    |                 | - 2             |                |
|          |  | Dadlu             | 3.00   | 155.00 | 89900                    |                 | -               | 2              |
|          |  | Phalsanda Rangran | 2.40   | 132.00 | 72500                    | -               | - 2             | 2              |
|          |  | Thaska Miranji    | 4.50   | 202.00 | 113120                   |                 | 2               | 2              |
|          | Panipat                                  | Diwana            | 1.40   | 46.00  | 40160                    |                 |                 |                |
|          | 100-00-00-00-00-00-00-00-00-00-00-00-00- | Didwari           | 2.00   | 62.00  | 83700                    |                 |                 | \$ 11          |
|          |  | Hathwala          | 1.60   | 64.00  | 43260                    |                 | - 2             |                |
|          |  | Nara Khurd        | 2.80   | 70.00  | 98000                    | 1.7             | Ψ.              | -              |
|          |  | Kurar             | 3.00   | 105.00 | 100300                   | -               | -               | 9              |
|          | Yamuna Nagar                             |                   | 0.70   | 32.00  | 32000                    |                 |                 |                |
|          | and the second second second             | Bhil chhappar     | 0.40   | 12.00  | 6960                     |                 | +:              |                |
|          |  | Jubbal            | 1.60   | 60.00  | 57000                    | -               | 15.0            | -              |
|          |  | Sarawan           | 2.00   | 90.00  | 65300                    |                 |                 | -              |
|          |  | Radauri           | 2.00   | 69.00  | 46300                    |                 | -               |                |
|          |  | Guniana           | 2.00   | 75.00  | 75000                    |                 | -               | -              |
|          |  | Dariyapur         | 4.80   | 230.00 | 128300                   | -               | -               |                |
|          |  | Balachaur         | 10.00  | 420.00 | 378000                   |                 |                 | -              |

|         | Maiz   | P.          | P         | ulses                 |         | Pulses   | Bhusa)_  | Cotton (Desi)  |                     |       |
|---------|--------|-------------|-----------|-----------------------|---------|----------|--|----------------|---------------------|-------|
| Area    | Yield  | Value       | Area      | Yield                 | Value   | Area     | Value  | Area           | Yield               | Valu  |
| (Hects) | (Qtls) |             |           | (Qtls)                | (Rs.)   | (Hects)  | (Rs.)  | (Hects)        | (Qtls)              | (Rs.) |
| 10      | 11     | 12          | 13        | 14                    | 15      | 16       | 17   | 18             | 19                  | 20    |
|         |        | Heim        |           |                       | -0      |          |  |                |                     |       |
| . 200   |        | Arce - Yie  | SHIEV     | Tilley                | · Edh   |          | 2011   |                | HISTORY             | -     |
| V 100   |        | DOY Without |           | 1900                  |         | -        | - 6  |                | 1.0                 |       |
| 2.0     | -      |             | -         | 173757                |         |          |  |                | -                   |       |
|         |        | -           |           |                       |         |          |  |                |                     |       |
| 0.60    | 2.00   | 1600        | fmoto=    | 70.00                 | Chica   |          | Sept 16  |                |                     | 1170  |
| 0.64    | 42.00  | 21000       | 10000     | 75.00                 | The L   | 7.4      |  |                |                     | -     |
| 1 04    | 20.00  | 12000       | 1695148   | 00.58                 |         | -        | 1011   | 26.0           |                     | 0.0   |
|         |        |             | 11004     | 0011                  | WIT     |          | 4  | -              |                     |       |
|         |        | 121         | 121       | 100                   |         |          |  |                |                     |       |
|         |        | 21          | 100       |                       |         | 4        | 41   | - II           | 1000                |       |
|         |        | 100         |           | DULLI                 | . = 0   |          | 4.0  | 4.0            |                     |       |
|         |        | 1.0         | DOMEST    | DOLLON                | - 11    |          | 1 (4)  |                |                     |       |
|         |        |             | 06101     | 0/0                   | - (F-1) | (4)      |  |                | 1100                | -     |
|         |        | 100         | 00000     | 00110                 |         | 100      | (4)  |                |                     |       |
|         |        | 121         | 130037    | () ] A =              | 120     | -24tm    | 1100   |                |                     | -     |
|         |        |             | HADIL     | thy ar                | 0.0     | 202      |  |                |                     | -     |
|         |        |             | T=150     | 11/1/12               | 0.1     | 367      | ×1111  |                |                     |       |
|         |        |             | 10005     | 10.01                 | 100     |          | THE OWNER  |                |                     |       |
|         |        |             | LULES     | ((0.52)               |         | 293      | Cand   |                |                     |       |
|         |        |             | 18617     | 00.815                | (101.1) | -        | THE PARTY OF   |                |                     | -     |
| 4.70    |        |             | HODELD    | 110,091               |         | 312,00   | The state of   |                | 10(14)              | -     |
| = 7/2   |        |             | H0000     | 他生化                   | How     |          | and one  |                | 100                 |       |
|         |        | 18          | 18250     | 65 = 73               | 411.2   | 727      | distant.   | 26             | 2.5                 | -     |
|         |        |             | 1610      | p0.72<br>00.72        |         |          | 145  |                | 2.5                 | -     |
| 100     |        |             | DOM       | 0.123                 | 0.0 5   |          | 200  | 140            | 4.5                 | -     |
|         | 15     |             | 100       | 10.17                 | CLC     | ET STATE | 1  | 14             | -                   |       |
| 100     | - 6    |             | -1714     |                       | 1000    |          | No see 11  | 2.45           | 4                   |       |
|         | 15.    |             | 19105     |                       | G-1     |          | mogarpt)   | 1.0            |                     |       |
|         |        |             | TOTAL     | 0.00                  | 19.00   |          | mani C   | 120            | 45                  |       |
|         |        | 1.5         | 101 St    | GG and                | 100     |          | HE STATE   |                | ¥3                  |       |
|         | - 5    |             | 11 11 150 | 13.00                 | 210     | 100      | IN DESERVE   |                | -                   | -     |
|         | - 5    | -           | SCH-SU    | 95(20)                | 3.64    | 625      | 7500   | V <sub>E</sub> | 1.0                 |       |
|         |        |             | 000       | QQ_F                  | (F)     |          | unyadas  | TOTAL D        | TATION OF THE PARTY | 9     |
|         | 3      |             | 1816      | 7                     | 2.16    |          | edito_one  |                | -                   | 2     |
| *       | -      |             |           | 07.133                |         |          | Indous   |                | 25                  | 2     |
| *       |        |             | (Vol. Br. | 65113<br>6672<br>6648 |         |          | <b>PHYSPIES</b>  |                | 25                  |       |
|         |        |             | 100.55    |                       |         |          | TO DESCRIPTION OF THE PERSON O |                |                     |       |
|         |        |             |           |                       |         |          |  |                |                     |       |
|         |        |             |           |                       |         |          |  |                |                     |       |
|         |        |             |           |                       |         |          |  |                |                     |       |

| Cotto   | n (American | )     | Cotton Sticks | . Su    | garcane (Cane | & Seed)   | 4 |
|---------|-------------|-------|---------------|---------|---------------|-----------|---|
| Area    | Yield       | Value | Value         | Area    | Yield         | Value     |   |
| (Hects) | (Qtls)      | (Rs.) | (Rs.)         | (Hects) | (Qtls)        | (Rs.)     |   |
| 21      | 22          | 23    | 24            | 25      | 26            | 27        |   |
| -       |             | 1 -   | 11.           | 1.00    | 600.00        | 45000     |   |
|         |             |       |               | -       |               |           |   |
| 3       |             |       | 07.5          | NA CO   | 727           | -         |   |
| 2       | 4.5         | -     |               | 0.40    | 350.00        | 35000     |   |
|         | 1.2         | 171   | 00.5          | 1.60    | 600.00        | 51000     |   |
| 1       |             | 1     |               |         | -             | 7.0       |   |
|         |             | 0.5   | 111111        |         |               | -         |   |
| -       | 1.5         | -     |               | 2.00    | 800.00        | 72000     |   |
| -       | 7           | -     |               |         | -             |           |   |
| -       |             | -     |               | 101     |               | -         |   |
| -       | -           | -     |               |         |               | 4         |   |
| 5       |             |       |               | 0.90    | 500.00        | 45000     |   |
| -       | 7           | -     | - B           | Stor    | -             | -         |   |
| -       | 2           | -     |               |         |               |           |   |
| 7.1     | 1.5         | -     |               | 2.00    | 1250.00       | 112500    |   |
| .5      | 100         |       | 2             |         |               |           |   |
|         | 100         | -     | 30.17         |         |               |           |   |
|         | 1.2         |       |               | 2.00    | 1500.00       | 135000    |   |
| *       | 525         | -     | *             | 1,513   | 35.1          |           |   |
| ě       | 85          | -     | 5             | -       |               | 7         |   |
| 35      | 13          |       | 5             | 1.20    | 600.00        | 63000     |   |
| *       | - 22        | - 5   | 5             | 3.00    | 1800.00       | 190800    |   |
| *       | 53          | 11.2  | 5             | 12      | 7.            | 100       |   |
|         |             | -     | 5             | 10.2    | 170           | 1,000,000 |   |
| *       |             |       | 8.            |         |               | *****     |   |
| -       | 17          |       | 8             | 0.60    | 320.00        | 32000     |   |
| *       | -           |       |               | 1.5     | 32            | 7         |   |
|         |             | -     | *             |         | 100.00        | 10.100    |   |
| 25      | - 27        | 20.2  | 8             | 1.00    | 400.00        | 42400     |   |
|         | 2           | D.S.  |               | 1.20    | 300.00        | 22500     |   |
| (±)     | 2.5         | 10.7  | 000           | 1.00    | 250.00        | 26500     |   |
|         |             | =     |               | 1.00    | 750.00        | 67500     |   |
| *       |             | -     | *             | 2.40    | 800.00        | 69600     |   |
| -       |             | *     |               | 4.80    | 3000.00       | 267000    |   |
| *       |             | +     |               | 4.80    | 2400.00       | 192000    |   |
|         | -           |       |               | 8.80    | 4400.00       | 391600    |   |

| Green    | Fodder  | Stalks of Paddy, Jowa  | r, Oth  | er Crops |  |
|----------|---------|--|---------|----------|--|
| Area     | Value   | Bajra, Maize and Suga  |         | Value    |  |
| (Hects)  | (Rs.)   | Value  | (Hects) | (Rs.)    |  |
| (119010) | A.Seri, | (Rs.)  |         |          |  |
| 28       | 29      | 30   | 31      | 32       |  |
| 0.20     | 1500    | 5000   | 0.20    | 1500     |  |
|          | 000154  | 2000   |         |          |  |
| 0.40     | 7000    | 10.030   | 1.00    | 25700    |  |
| 0.30     | 5000    | 3200   |         |          |  |
| 0.40     | 20000   |  | 0.80    | 30000    |  |
| 2.48     | 62000   | 3000   |         |          |  |
| 1.84     | 5600    | 710  |         |          |  |
| 0.40     | 9000    | 4000   |         | 100      |  |
|          | 00000   |  | 1 2     |          |  |
| 0.40     | 4200    |  | 1 2     |          |  |
| 0.20     | 5000    | 2000   | 1.0     | 12.0     |  |
| 0.20     | 4000    |  | 2       |          |  |
| 0.10     | 2400    |  | 74      | - 22     |  |
| 0.70     | 11400   |  |         |          |  |
| 0.40     | 8000    | 5000   | 0.58    | 6360     |  |
| 1.30     | 20000   | MILLER TO THE STATE OF THE STAT | 1.30    | 53500    |  |
| -        |         | 4800   |         |          |  |
| 0.40     | 4000    | 12000  |         |          |  |
| 0.40     | 8000    | Company of the Compan |         |          |  |
| 0.20     | 4000    | portrorit, 36%   |         |          |  |
| 0.60     | 12000   | 5  | 1       |          |  |
| 0.40     | 4000    | 15000  |         |          |  |
| 0.70     | 9800    | 2400   |         |          |  |
| 0.40     | 8500    | The same   |         | 1.00     |  |
| 0.40     | 8000    |  |         | 1.0      |  |
| 0.20     | 2500    |  |         | -        |  |
| 0.20     | 4000    | 5000   | - 2     | 1.0      |  |
| 0.20     | 4000    | 7000   | 0.80    | 10000    |  |
| 0.20     | 4000    | 750  | 0.20    | 8000     |  |
| 0.90     | 22500   |  | 1       |          |  |
| 0.40     | 15000   | 4000   | -       |          |  |
| 0.40     | 8000    |  |         |          |  |
| 0.40     | 8000    | 8000   | - 1     | -        |  |
| 0.40     | 12500   | 101.0014 116.8   |         |          |  |
| 1.20     | 24000   | 30000  |         | . *:     |  |
| 1.20     | 20000   | 38000  |         |          |  |

| Zone    | District   | Holdings   |         | Paddy  | 215/3 · |           | Baira  |            |
|---------|------------|--|---------|--------|---------|-----------|--------|------------|
|         |            | The state of the s | Area    | Yield  | Value   | Area      | Yield  | Value      |
|         |            |  | (Hects) | (Qtls) | (Rs.)   | (Hects)   | (Qtls) | (Rs.)      |
| 1       | 2          | 3  | 4       | 5      | 6       | 7         | 8      | 9          |
| Central | Jind       | Dalamwala  | -       | - 2    | 12      | 0.40      | 6.00   | 2400       |
|         |            | Naguran  | 1.20    | 30.00  | 36000   | 1, 4      | -      |            |
|         |            | Palwan   | -       | -      |         | 0.80      | 3.00   | 1650       |
|         |            | Budha Khera  | 1.60    | 62.00  | 57686   |           |        |            |
|         |            | Shila Kheri  | 2.70    | 21.00  | 27000   | 0.40      | 13.00  | 7150       |
|         |            | Narwana  | -       | -      | -       |           |        |            |
|         |            | Barah Kalan  |         |        |         | - 4       | -      |            |
|         |            | Desh Khera   | 1.60    | 70.00  | 90000   | 0.60      | 4.00   | 2400       |
|         |            | Budha Khera  | 2.20    | 68.00  | 81860   | 0.60      | 11.00  | 6600       |
|         |            | Narwana  |         |        |         |           |        | -          |
|         |            | Uchana Khurd   |         |        |         | 0.60      | -      |            |
|         | Kaithal    | Chhot  | 0.60    | 36.00  | 20880   | Vincenza, |        |            |
|         |            | Rajaund  | 0.60    | 25.00  | 14500   | 0.40      | 4.00   | 2200       |
|         |            | Mohna  | 1.80    | 110.00 | 66000   |           |        | ********** |
|         |            | Kharak Pandwan   | 1.20    | 50.00  | 29000   | - 10      |        | 11.3       |
|         |            | Harigarh Kingan  | 2.00    | 100.00 | 65000   | -         |        | - 2        |
|         |            | Barot  | 2.80    | 140.00 | 81200   |           |        |            |
|         |            | Barot  | 8.40    | 344.00 | 294870  | 2         |        |            |
|         | Rohtak     | Bhalot   |         |        | -       |           |        |            |
|         | A CONTINUE | Bhalot   |         |        | ULL Die | 0 0       |        |            |
|         |            | Kheri Sampla   |         |        | -       | _         |        | - 5        |
|         |            | Kheri Sampla   |         |        | -       |           |        |            |
|         |            | Lakhan Majra   |         |        |         | 0.20      | 2.00   | 1000       |
|         |            | Madina   | 8       |        | _       | -         |        | 077707     |
|         |            | Bhali Anandpur   |         |        | -       | -         |        |            |
|         |            | Lakhan Majra   | - 2     | -      | -       | 0.40      | 4.00   | 2000       |
|         | Jhajjar    | Dhandhlan  | 0.40    | 10.00  | 16600   | 1         | 11100  | -          |
|         | Juajjai    | Dhandhlan  | 0.40    | 10.00  | 17000   |           |        |            |
|         |            | Matanhel   | 0.60    | 15.00  | 27000   |           |        |            |
|         |            | Salhawas   | 5.00    | 13.00  | 270.0   | 0.80      | 8.00   | 4800       |
|         |            |  |         |        |         | 0.00      | 0.00   | 4500       |
|         |            | Salhawas   |         |        | 776     |           |        |            |
|         |            | Hasanpur   |         |        |         | 5.7       |        |            |
|         |            | Hasanpur   |         |        |         |           | -      |            |
|         | 6          | Dullhera   |         | -      |         |           | -      |            |
|         | Sonipat    | Ridhau   | 3.50    | 10.00  | 10000   |           | 50     |            |
|         |            | Kheri Dhamkan  | 0.50    | 10.00  | 18000   | 0.40      | 3.5    |            |
|         |            | Mudiana  | 1123    | 200.00 | 70000   | 0.40      |        | 100        |
|         |            | Rohat  | 1.60    | 70.00  | 70000   | **        |        |            |
|         |            | Bhigan   | 1.60    | 56.00  | 67900   | = :       | -      |            |
|         |            | Rai  | 1.60    | 42.00  | 48300   |           |        | 1          |
|         |            | Mohana   | 1.00    | 40.00  |         | 9         |        | 58         |
|         |            | Chitana  | 0.40    | -      | 13000   | -         |        |            |
|         |            | Gudha  | 1.60    | 50.00  | 70000   |           |        | -          |

| Yield<br>(Qtls) | Value<br>(Rs.)   |   | d Value   |      | Yield  | ses(Bhusa)<br>Value | Area   | Yield     | Value            |
|-----------------|--|---|-----------|------|--|---------------------|--|-----------|------------------|
| 118             | The Party State of the Party Sta |   | ls) (Rs.) |      | (Qtls)   | (Rs.)               | (Hects)  | (Qtls)    | (Rs.)            |
|                 | 4.00   | 13 14   | 15        | -    | 16   | 17                  | 18   | 19        | 20               |
| 231             | - 10.11  |   |           |      |  |                     |  |           |                  |
|                 | 25   |   |           |      | -  | 01200               | minec  | hill      |                  |
|                 | 200  | 0.20  | 1500      |      | -  |                     |  |           |                  |
| 1923            | - 05.0   |   | WWW.TES   |      |  | 2 11                | MILLIAN.   |           |                  |
|                 | 1.0  | Selection 4   | D11.58 *  |      |  |                     | 0.20   | 2.0       |                  |
| 109-61          | 1,000,00   |   |           |      | -  | actional v          | 0.40   | 1.0       |                  |
|                 |  |   | 27        |      | -  |                     | and the same of th | -1        |                  |
| -               |  |   | 21        |      | -  | 100.2               | 2.40   | 20.00     | 36000            |
| 032.4           | - 00.0   | *1000 ·   | 50.01     |      |  |                     |  |           |                  |
| UGALI           | -10000   | 40000   | 30.83     |      | -  |                     |  |           |                  |
|                 | -  |   | 21        |      | -  |                     |  |           |                  |
| 1.2             | -080   |   |           |      |  |                     |  | 1.4       |                  |
| 100             | -  | 1000  | 00.01     |      | -  | -                   | -  | No Client |                  |
| 050.0           | +230.0   | - COUNTY -  | 90.55     |      | -  | -                   |  |           | *                |
|                 | -  | 45063 -   | 00:011    |      | -  |                     | -  |           | *                |
| 4.00            | 2400 -   | 100005  | autic .   |      |  | August 1971         | militin.   |           |                  |
| -               | *-   | 10.000  | 00.001    |      |  | mount of you        | multi-   | -         |                  |
|                 | *  | 50718 ×   | 00.011    |      | -  |                     | WWB.   | -         | **               |
| -               |  | Separate a  | CO.SIE.   |      | - 14   | -                   |  |           |                  |
|                 | *  | 0.40  | =====     |      | -  |                     | MANUEL .   | drawing.  |                  |
| -               | ***  | 0.40 4.00   | 5200      |      | -  |                     | tied S   |           |                  |
|                 | *  |   |           |      | 24   | 17 11112            | In DO  |           |                  |
| 1000            | -  | - 1   |           |      |  | Strippe             | LOCAL CO.  | 0.2       | - 2              |
| 10.0            | F131.0   | - 5   |           |      |  | - Ulas              | DISH   |           |                  |
|                 |  | 1 1 1   | = 10      |      | 100  | -                   | -  | 111       |                  |
| DIL             | San  | - 8 8   | H .       |      | 50   |                     |  | 2.0       |                  |
| 115-20          | 5,000,00   | 0.80 5.00   | 8500      |      | 12   | S/M1                |  | 1         | £1               |
| - 1             |  |   |           |      |  | > 27 80 1111        | -  | 4         | -                |
|                 | 16   |   |           |      | 5  | The state of        | allali .   | 12        | -                |
| 110-9           | -020   |   | MUCH S    |      | 1.0  |                     | WEW .  | 1.6       | -                |
|                 | -  |   | - 0       |      | 350  |                     |  |           | 45               |
|                 | -  |   |           |      | 3.0  | -                   | Page 2   | -         | +3               |
| -               |  |   |           |      |  | 2                   |  |           | 20               |
|                 |  |   |           |      | -  | - 1                 | 4000   | -         |                  |
| +:              |  |   |           |      |  | 2 11                |  |           | 20               |
| *               |  | 5000 =  |           |      | -  | 200                 | -  |           | 25               |
| - +:            | +55.0  |   |           |      | -  |                     |  | 12        |                  |
| - 1             | 350  |   | min -     |      | 17.0   |                     |  | 929       |                  |
|                 |  |   |           |      | -  |                     | 100  |           | -                |
|                 | +  |   | ndro' -   |      |  |                     |  |           | 20               |
|                 | -  | 0.40 4.00   | 6400      |      | *  |                     |  |           |                  |
|                 | -  |   |           |      | 3.0  |                     | -  | 1,50      | -                |
|                 | 04.63<br>04.4<br>0(k) 1<br>05.0<br>4.00  | 00-4 00-0<br>00-1 00-0<br>00-0 -00-0<br>4.00 2400<br>00-0 -00-0<br>00-0 -00-0 | 03.61     | 0.40 | 4.00 2400 - 2400 | 0.40                | 4.00 2400 - 0.00 5200 - 0.00 500 500 500 500 500 500 500 500 50  | 0.40      | 4.00 2400 - 12.0 |

| Cotto      | on (Amer | ican)  | Cotton Sticks            | Sus     | garcane (Cane | & Seed) . |    |
|------------|----------|--------|--------------------------|---------|---------------|-----------|----|
| Area       | Yield    | Value  | Value                    | Area    | Yield         | Value     |    |
| (Hects)    | (Otls)   | (Rs.)  | (Rs.)                    | (Hects) | (Qtls)        | (Rs.)     |    |
| 21         | 22       | 23     | 24                       | 25      | 26            | 27        |    |
| 0.50       | 4.00     | 8400   | 840                      | ) = (i) | -             | -         |    |
| 1.20       | 4.00     | 8000   | 800                      | ****    | -             |           |    |
| 0.80       | 2.00     | 4000   |                          | (4)     |               |           |    |
| -          | 187.6    | -      |                          | 12      |               |           |    |
| 20         |          | 6.0    |                          |         |               |           |    |
| ~          |          | DECL   | DC N F                   | 1.60    | 240,000       | 12000     |    |
|            |          | -      | F 19                     | 3.00    | 1500.00       | 165000    |    |
| -          |          |        | 1.0                      | *100    | 2000000000    |           |    |
|            | 1.0      |        | ( 4 )                    | 5000    |               |           |    |
| 0.80       | 4.00     | 8200   | 36                       | 1.20    | 200.00        | 10000     |    |
| 0.40       | 1.00     | 2000   |                          |         |               |           |    |
| -          | 360      |        |                          |         |               | 2         |    |
| -          |          | (+)    | 0.00                     | 0.20    | 150.00        | 16500     |    |
| -          |          |        | 2.0                      | -       |               |           |    |
| *          |          | 7943   | 923                      |         | 27            | 0000      |    |
| 4          | 2.00     | 100    |                          |         | 20            |           |    |
| 90         | 5.00     | 243    |                          | 47.0    | 27            | 10000     |    |
| -          | 585      | 100    |                          | 4       | 27            | 1000      |    |
| -          |          | 100    |                          | -       | 1             |           |    |
|            |          | 2.2    |                          | 0.40    | 200.00        | 22000     |    |
| 4          |          | 7.65   |                          | 2010    | -             |           |    |
| #          |          | 2.45   |                          | 4       | 24            | 2         |    |
| 0.40       | 4.00     | 8400   | 1400                     | 0.20    | 50.00         | 5500      |    |
| 0.60       | 4.00     | 8400   | 800                      |         |               | 11100     |    |
| -2         | -        |        | All Indiana and a second | 2.20    | 1100.00       | 121000    |    |
| 80         | 3.7      |        | 4                        |         | -100.00       | 4550      |    |
| +3         | 140      |        | 5                        | 0.20    | 70.00         | 1444.0    |    |
| +6         |          |        |                          |         |               |           |    |
| -83        | 190      |        |                          | 32      |               |           |    |
| -23        | 100      |        | 100                      |         | 721           | W-12      |    |
| -50        |          | - V 1  | 10.1                     | 7000    | 1/23          | 7.2       |    |
| 20         |          | -      | A 647                    | 0000    |               |           |    |
| 90         | -        | 140    | 15                       | *102.1  |               |           |    |
| 22         |          | 04000  |                          |         | 1.0           |           |    |
| <u> 20</u> | 1        | 100    |                          | 100=    | 142           | 1117      |    |
| 20         | 1917     | 4      |                          | Idon    |               | INOUS.    |    |
| **         | -        |        |                          | 0.30    | 30.00         | 8000      |    |
| 4.         |          | -      | 4                        |         |               |           |    |
| 23         | -        | -      |                          |         |               | USB)1     |    |
| 20         |          | 4      | 8                        | 1005    | 125           | UN U      |    |
| 1          | -        | (3006) | 100                      | 007.1   | 727           | DOM:      |    |
| 1          |          | (Brys) | 19.0                     | 0.60    | 375.00        | 37500     |    |
|            | 120      | 000    | 8.1                      |         |               |           |    |
|            |          |        |                          | 2000    |               | Photos    | 50 |
|            |          |        |                          |         |               |           |    |

| Green     | Fodder          | Stalks, Rice, Jowar,           |         | er Crops | OF THE |  |
|-----------|-----------------|--------------------------------|---------|----------|--------|--|
| Area      | Value           | . Bajra, Maize and Sugarcane . | Area    | Value    |        |  |
| (Hects)   | (Rs.)           | Value                          | (Hects) | (Rs.)    |        |  |
| (4038300) | 3,000           | (Rs.)                          |         |          |        |  |
| 28        | 29              | 30                             | 31      | 32       | 1.00   |  |
| 0.20      | 3000            | 1500                           | 1000    | 11-      |        |  |
| 0.20      | 3000            |                                |         | -        |        |  |
| 0.20      | 4000            |                                | -       | -        |        |  |
| 0.20      | 3000            |                                |         | -        |        |  |
| 0.80      | 8000            | 1500                           | 0.20    | 1000     |        |  |
| 0.40      | 6000            | 11110 1 100                    |         | -        |        |  |
| 0.50      | 12000           | 8000                           |         |          |        |  |
| 0.20      | 6000            | 2600                           |         | 2        |        |  |
| 0.90      | 12000           | 1250                           |         | -        |        |  |
| 0.40      | 6000            | 18                             |         | -        |        |  |
| 0.30      | 3000            |                                |         | -        |        |  |
| 0.20      | 3000            | 750                            | -       |          |        |  |
| 0.40      | 3000            | 2320                           | 2       | -        |        |  |
| 0.20      | 3000            | 4                              | -       | 12       |        |  |
| 0.20      | 3000            |                                |         |          |        |  |
| 0.40      | 6000            | 300                            |         | -        |        |  |
| 0.40      | 6000            |                                | -       |          |        |  |
| 0.40      | 6000            | 13000                          | -       | -        |        |  |
| 0.80      | 1.2500          | TO IT 2                        | -       |          |        |  |
| 0.60      | 15000           | 4000                           |         | -        |        |  |
| 0.20      | 7000            | 500                            | -       | -        |        |  |
| 0.60      | 18200           | 100                            | 100     | _        |        |  |
| 1.20      | 14000           |                                | 0.40    | _        |        |  |
|           |                 | 3400                           | 0.10    | -        |        |  |
| 0.80      | 1.5000<br>10500 | 17500                          |         |          |        |  |
| 0.60      |                 | 800                            |         |          |        |  |
| 1.20      | 18000           | 10750                          | 3       |          |        |  |
| 0.72      | 7500            | 500                            |         |          |        |  |
| 0.12      | 1250            | 500                            | 2.      | - 53     |        |  |
| 1.00      |                 |                                | 1.20    | 10000    |        |  |
|           |                 | 3500                           | 0.80    | 8000     |        |  |
|           | 4500            | 4200                           | 0.40    | 3600     |        |  |
| 0.40      | 4500            | 1500                           |         |          |        |  |
| 0.60      | 6000            | 4000                           | 1.40    | 20000    |        |  |
|           | *****           | 6000                           | 1.20    | 1600     |        |  |
| 0.40      | 6000            | 10.79                          |         |          |        |  |
| 0.40      | 7500            | 600                            |         |          |        |  |
| 0.80      | 10000           |                                |         | 2.5      |        |  |
| 0.60      | 6000            | 2000                           | -       | 竞        |        |  |
| 0.60      | 7500            | 1740                           |         | 70000    |        |  |
| 0.40      | 6000            | 00.777                         | 0.40    | 20000    |        |  |
| -         | 100000          | 2000                           | 1.60    | 90000    |        |  |
| 2.28      | 31200           | 2000                           | 0.40    |          |        |  |
| 1.20      | 15000           | 3000                           |         |          |        |  |

| Zone    | District  | Holdings      | 137    | Paddy  | OHESY  | IF50 T   | 4316    | Bajra   | ducin Fr |
|---------|-----------|---------------|--------|--------|--------|----------|---------|---------|----------|
| 147.    |           |               | Area   | Yield  | Value  | in China | Area    | Yield   | Value    |
|         |           |               | (Hects |        |        |          | (Hects) | (Qtls)  | (Rs.)    |
| 1       | 2         | 3             | - 4    | 5      | 6      |          | 7       | 8       | 9        |
| Western | Bhiwani   | Hetam pura    |        | - 2    | -      |          | -       |         | -        |
|         |           | Gignow        |        |        |        |          | 0.80    | 1.00    | 700      |
|         |           | Chandeni      |        |        |        |          | 1.60    | (#/)    | 1,000    |
|         |           | Gignow        |        | - 2    |        |          | 0.80    | 6.00    | 4200     |
|         |           | Jattu Lohari  |        |        |        |          | 1.60    | 1000000 |          |
|         |           | Jattu Lohari  |        |        |        |          | 1.60    |         |          |
|         |           | Chang         |        | -      |        |          | -       | 2.91    |          |
|         |           | Hetam pura    |        |        |        |          | -       | 0.00    |          |
|         |           | Loharwara     |        |        |        |          |         |         |          |
|         |           | Loharwara     |        |        |        |          | 2.40    |         |          |
|         |           | Chang         |        | -      |        |          | -       | 545     |          |
|         |           | Chandeni      | -      |        |        |          | 3.20    |         |          |
|         |           | Bhariwas      |        |        |        |          | =       | 200     |          |
|         |           | Sagwan        | -      |        |        |          |         |         |          |
|         |           | Sagwan        |        |        |        |          | -       | 100     |          |
|         |           | Dhani Hunat   |        |        |        |          | 4.00    | 100     |          |
|         | Hisar     | Litani        |        | -      |        |          | 0.20    | 3.00    | 1950     |
|         |           | Majra         | 1.60   | 28.00  | 16968  |          |         |         |          |
|         |           | Data          |        |        | 1.7    |          | 1.20    | 20.00   | 11000    |
|         |           | Arya Nagar    |        |        |        |          | 0.80    |         |          |
|         |           | Behabalpur    | 1.0    | *      |        |          | 0.80    | 4.00    | 2403     |
|         |           | Bhatol Jattan |        | 30     |        |          | 0.40    | 0.00    |          |
|         |           | Pabra         |        | *      |        |          | 0.80    | 8.00    | 4000     |
|         |           | Sarsod        |        | 83     | *      |          | 0.80    | 202     |          |
|         |           | Dhiranwas     |        | 50     | -      |          | 0.80    | 3.00    | 1500     |
|         |           | Harikot       | -      | **     |        |          | 0.60    | 12.00   | 6000     |
|         |           | Narnaund      | 5.60   | 150.00 | 93750  |          | -       | (+1)    | -        |
|         |           | Agroha        | - 6    | 2.0    |        |          | 1.20    | 28.00   | 16800    |
|         |           | Balawas       |        |        |        |          | 4.00    | 25.00   | 12500    |
|         |           | Kavrale       | 35     |        |        |          | 1.20    | 26.00   | 15600    |
|         |           | Moda Khera    |        |        |        |          | 0.80    | 16.00   | 8800     |
|         | Fatchabad | Kanheri       | 0.40   | 20.00  | 11600  |          |         | *       |          |
|         |           | Nahla         | *      | 5      | -      |          | 0.80    | 12.00   | 7200     |
|         |           | Matana        |        | *      | 70     |          | 1.00    | 15.00   | 9000     |
|         |           | Aharwan       | 4.40   | 176.00 | 158400 |          | *       |         | +        |
|         |           | Bhattu Kalan  | 8      | **     | (1000) | 1991     |         | -       | -        |
|         | Sirsa     | Abholi        | 8      | *      | 0.303  |          | *       | -       |          |
|         |           | Bhawdin       | -      | **     |        |          | 83      | -       | -        |
|         |           | Malekan       |        | +      | -      |          | 90      | -       | 9        |
|         |           | Panihari      | *      | -      |        |          | **      | -       | 1+1      |
|         |           | Nejia Khera   | *      | 83     | (*)    |          | 80      |         |          |
|         |           | Banwala       |        |        |        |          | *       | 54      |          |
|         |           | Odhan         |        | +0     | -      |          |         | 14      | -        |
|         |           | Sahuwala      | -      |        | -      |          | ~       |         | 4        |

| Area Yield Value Area Yield Value Yueld Value Area (Hects) (Quls) (Rs.) (Gds) (Gds) (Rs.) (Gds)    | M       | aize     |          |         | ulses  |          |        | s (Bhusa) |  | ton (Desi) | 77.1   |
|--|---------|----------|----------|---------|--------|----------|--------|-----------|--|------------|--------|
| 10 11 12 13 14 15 16 17 18 19  1.60 30.00  1.60 30.00  1.60 30.00  2.40 35.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  3.00  3.00  4.00  5.00  6.00    |         |          | Value    | Area    | Yield  |          |        |           |  |            | Value  |
| 10 11 12 13 14 15 11 16 17 18 19  1.60 30.00  1.60 30.00  1.240 35.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  3.00  | (Hects) | (Qtls)   | (Rs.)    | (Hects) | (Qtls) | (Rs.)    | (Qtis) | (Rs.)     | THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS |            | (Rs.)  |
| 1.60 30.00  1.60 30.00  1.20 12.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  3.00  3.00  3.00  3.00  4.00  5.00  5.00  6.00     |         |          | 12       | 13      | 14     | 15       | 16     | 17        | 18   | 19         | 20     |
| 1.60 30.00  1.60 30.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 3.00 3.00 3.00 3.00 3.00 3.00 3.   | -       |          |          |         |        |          | -      |           | 1.4  | -          | (4.)   |
| 1.60 30.00  1.60 30.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 3.00 3.00 3.00 3.00 3.00 3.00 3.   | -       |          |          | S       |        |          | 14     |           | continue fil   |            |        |
| 1.60 30.00  1.60 30.00  1.20 12.00  2.40 30.00  1.20 12.00  2.40 30.00  2.40 30.00  2.40 30.00  3.00     |         |          | WILL     | 72.0    |        |          |        |           |  | -          | +      |
| 1.60 30.00  1.60 30.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 4.00  1.60 12.00 21900 2.40 48.00 5.60 84.00  1.60 12.00 10.00 2.80 12.00   |         |          |          |         |        |          |        |           |  |            |        |
| 1.60 30.00  1.60 30.00  1.20 35.00  1.20 12.00 2.40 30.00 2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  3.00   |         | 15.0     | WLD      |         |        |          |        |           |  | -          | -      |
| 1.60 30.00  1.60 30.00  1.20 12.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  2.40 30.00  3.00     |         |          |          |         |        |          |        |           |  |            |        |
| 2.40 35.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 5.00 2.50 15.00 2.40 5.00 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 2.40 48.00 3.60 3.60 3.60 3.60 3.60 3.60 3.60 3.60  |         | - 0      | 0.83     |         |        |          |        |           | 1.60   | 30.00      | 57000  |
| 1.60 30.00  2.40 35.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.50 15.00 0.40 5.00 0.40 5.00 1.60 12.00 21900 2.40 48.00 5.60 84.00  0.80 2.00 9000  |         |          |          |         |        |          |        |           |  |            |        |
| 2.40 35.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00   |         |          |          |         |        |          |        | -         | 1.60   | 30.00      | 57000  |
| 2.40 35.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00  |         |          |          |         |        |          |        | -         |  | 2          | -      |
| 2.40 35.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00  - 0.40 6.00 0.40 - 0.80 4.00  - 0.40 5.00 0.40 5.00 0.40 3.00 0.40 3.00 0.40 3.00 0.40 3.00 0.40 3.00 0.40 1.00 0.40 1.00 0.80 12.00  |         |          |          | 01-5    | -      |          |        | 1.4       |  | 100        |        |
| 2.40 35.00  1.20 12.00 2.40 30.00 2.40 30.00  2.40 30.00   |         |          |          |         |        |          |        |           |  |            |        |
| 2.40 35.00  1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 2.40 30.00  - 0.40 6.00 - 0.40 - 0.80 4.00  - 0.40 5.00 - 0.40 5.00 - 0.40 3.00  |         |          |          |         |        |          |        | 27        |  |            |        |
| 1,20 12.00 2,40 30.00 2,40 30.00 2,40 30.00 2,40 30.00 3,00 4.00 3,00 4.00 3,00 6600 3,00 5.00 3,00 5.60 84.00 3,00 5.60 84.00 3,00 5.60 84.00 3,00 5.60 84.00 3,00 5.60 84.00   |         |          |          |         |        |          |        |           | 2.40   | 35.00      | 66500  |
| 1,20 12.00 2,40 30.00 2,40 30.00 2,40 30.00 2,40 30.00  - 0,40 6.00 - 0,40 6.00 - 0,40 5.00 - 0,40 5.00 - 0,40 3.00 - 0,40 3.00 - 1,60 12:00 21900 - 2,40 48.00 - 5,60 84.00 - 0,80 12.00 - 0,80 12.00   |         |          |          |         |        |          |        | 2         |  | 77 C       |        |
| 1.20 12.00 2.40 30.00 2.40 30.00 2.40 30.00 0.40 6.00 0.40 6.00 0.40 6.00 0.40 5.00 0.40 5.00 0.40 3.00 1.60 12:00 21900 2.40 48.00 5.60 84.00 0.80 12.00  | 7.      |          |          |         |        |          |        |           |  |            |        |
| 2.40 30.00<br>2.40 30.00<br>0.40 6.00<br>0.40 0.80 4.00<br>0.40 5.00<br>0.40 5.00<br>0.40 3.00 6600 - 0.40 3.00<br>1.60 12:00 21900 - 2.40 48.00<br>5.60 84.00<br>0.80 12.00   |         |          |          | F15     |        |          |        | 2.0       | 1.20   | 12.00      | 21600  |
| 2.40 30.00  0.40 6.00 0.40 0.80 4.00  0.40 6.00 0.40 5.00  1.60 12:00 21900 2.40 48.00 5.60 84.00  0.80 12.00  0.80 12.00  | ***     |          | 00.5     |         | -      |          |        | 2         |  |            | 54000  |
| 0.40 6.00<br>0.40 0.80 4.00<br>0.40 6.00<br>0.40 5.00<br>0.40 5.00<br>1.60 12:00 21900 2.40 48.00<br>5.60 84.00<br>0.80 2.00 9000  | - 5     | -        |          |         |        | 23/23/1- | 20.0   |           |  |            | 54000  |
| 0.40 6.00<br>0.40 0.80 4.00<br>  |         | mu i     | State of |         |        |          |        |           | 110 (50)   |            |        |
| 0.40 6.00<br>0.80 4.00<br>- 0.40 6.00<br>- 0.40 5.00<br>- 0.40 5.00<br>- 0.40 3.00 6600 - 0.40 3.00<br>- 1.60 12.00 21900 - 2.40 48.00<br>- 5.60 84.00<br>- 0.80 12.00<br>- 0.80 12.00   | -       | - 2      | 1        |         |        |          |        | 2         |  |            |        |
| 0.40 6.00<br>0.40 6.00<br>0.80 4.00<br>0.40 6.00<br>0.40 5.00<br>0.40 5.00<br>1.60 12:00 21900 2.40 48.00<br>5.60 84.00<br>0.80 12.00  | \$10    |          | 11.0     |         | - 9    | -        |        |           |  |            |        |
| 0.40 6.00 0.80 4.00  |         |          |          |         | -      | -        |        | - 2       |  |            | -      |
| 0.40   |         |          |          |         |        |          |        |           |  |            |        |
| 0.40   |         | - 2      |          |         |        |          | 1.0    |           | 0.40   | 6.00       | 11400  |
| 0.80 4.00  - 0.40 6.00  - 0.40 5.00  - 0.40 3.00 6600  - 0.40 3.00  - 1.60 12:00 21900  - 0.40 1.00  - 1.20 10.00  - 0.80 12.00  |         | 1        | AND ST   |         | -      |          | 1.0    | -         | 0.40   | -          | -      |
| - 0.40   | 20      | 100      |          |         | -      | - 2      |        | -         |  | 4.00       | 6400   |
| 0.40 6.00 0.40   | - 2     |          |          |         |        |          |        |           |  |            |        |
| 0.40 6.00<br>0.40 15.00<br>0.40 5.00<br>0.40 3.00 6600 - 0.40 3.00<br>1.60 12:00 21900 - 2.40 48.00<br>5.60 84.00<br>0.40 1.00<br>1.20 10.00<br>0.80 2.00 9000   |         | 11.12    | 11 1855  |         | -      |          | 40     | -         | all and and  |            | -      |
| 0.40   | - 27    |          |          |         | - 1    | 12       | £5     | 4         | 0.40   | 6.00       | 11400  |
| 2.50 15.00 0.40 5.00    - 0.40 3.00 6600   | 8       |          |          |         |        | 2        | - 20   | 9         | 0.40   |            | -      |
| 2.50 15.00 0.40 5.00    0.40 3.00 6600   |         |          |          |         |        |          |        |           |  |            |        |
| 0.40 3.00 6600 - 0.40 3.00  1.60 12:00 21900 - 2.40 48.00 5.60 84.00  - 0.40 1.00 1.20 10:00  0.80 2.00 9000   |         |          |          |         |        |          | 2      | -         | 2.50   | 15.00      | 27000  |
| 0.40 3.00 6600 - 0.40 3.00  1.60 12:00 21900 - 2.40 48.00  5.60 84.00  0.40 1.00 1.20 10.00  0.80 2.00 9000  | 200     | New York | 11.00    | 100     |        | 32       | 43     |           |  | 5.00       | 8000   |
| 0.40 3.00 6600   |         | 350      |          |         | 1      | 54       | -      |           | Allega   |            | 2.0    |
| 1.60 12:00 21900 - 2.40 48:00<br>5.60 84:00 - 5.60 84:00 - 1.00 1:20 10:00 - 1.20 10: | 9.11    | 35/      |          |         |        | 6600     |        |           | 0.40   | 3.00       | 5100   |
| 1.60 12.00 21900 - 2.40 48.00 5.60 84.00 - 5.60 84.00 - 1.20 10.00 - 1   | - 5     | 350      |          |         |        | LII(SEE  |        | THERO     | meman  |            | 78     |
| - 5.60 84.00<br>- 0.40 1.00<br>1.20 10.00<br>- 0.80 12.00  | -       | 1511     |          |         |        | 21900    |        |           | 2.40   |            | 96000  |
| 0.40 1.00<br>1.20 10.00<br>- 0.80 12.00  | 30      | 673      |          | 1,00    |        |          |        |           |  |            | 151200 |
| 0.80 2.00 9000   | -       | 1572     |          |         |        |          |        |           |  |            |        |
| 0.80 2.00 9000   |         |          |          |         | 12     |          | 2      |           | CHE THE  |            | 2.4    |
| 0.80 2.00 9000   | -5      | -        |          |         |        |          | - 4    | - 2       |  |            | 1900   |
| 0.80 2.00 9000   |         |          | - 55     |         |        | 1        |        | 2         | 1.20   |            | 18000  |
| 0.80 2.00 9000   | - 0     |          | 115      |         |        |          |        |           | MARKET .   |            |        |
| 0.80 2.00 9000   | *       |          | 100      |         | 127    |          |        |           | 0.80   |            | 20400  |
|  |         |          |          |         |        |          |        | -         | A 1 1777 S. C.   |            |        |
|  |         |          |          | -       |        | 120      |        |           |  |            |        |
|  |         |          |          |         |        |          | 2      |           |  |            | 1.0    |
|  |         |          |          | 0.80    | 2.00   | 9000     |        | -         | 740  | 140        |        |
|  |         |          | 1.0      | 0.00    | -      |          | 2      | -         |  | -          | 1.0    |
|  |         |          | -        |         | (3)    |          |        |           |  |            |        |
|  |         |          |          |         |        |          | 0      |           |  |            | 1      |
|  |         | 3.53     | -        |         | - 3    |          | 0      |           | -  | 1.0        | 1.4    |
| 1.60 20.00   |         | 1.50     |          | *       |        |          |        | 1/2       | 1.60   | 20.00      | 34000  |
|  |         |          |          |         |        | 150      |        |           | - 110.30   | 200000000  | 22     |
|  |         |          |          |         |        |          |        | 72        | 167  |            | -      |

| 4 | & Seed)    | arcane (Cane |              | Cotton Sticks | n)      | n (America | Cotto   |
|---|------------|--------------|--------------|---------------|---------|------------|---------|
|   | Value      | Yield        | Area         | Value         | Value   |            | Area    |
|   | (Rs.)      | (Qtls)       | (Hects)      | (Rs.)         | (Rs.)   | (Qtls)     | (Hects) |
|   | 27         | 26           | 25           | 24            | 23      | 22         | 21      |
|   | -          | -            | -            |               | -       | -          |         |
|   | 2          |              |              | UATO          | (ACT)   |            | -       |
|   |            |              |              | 1.5           |         | +5         | -       |
|   | 2          |              |              | 190           | (10)    | 81         | -       |
|   |            |              |              |               |         |            |         |
|   |            |              |              | . 1           |         |            | -       |
|   |            |              |              | 3000          |         |            |         |
|   |            | -            |              | 1.0           |         | -          |         |
|   | 2          |              | -            | A DOM         | 190     | -          |         |
|   |            |              | - 2          | DG 5          |         |            |         |
|   | 2          |              | 12           | -             |         |            |         |
|   |            |              | -            |               |         |            |         |
|   | -          |              | _            |               |         |            |         |
|   |            |              | -            |               |         |            |         |
|   |            | -            |              |               |         |            |         |
|   |            |              |              |               | 77.0    |            |         |
|   |            |              |              | 750           | 27950   | 13.00      | 0.60    |
|   |            |              | -31          | 4             | 27,220  | -          | -       |
|   | 111        | 27           | 2            | 500           |         |            |         |
|   | 1 5        | 2            | 37.5         | 500           | 2200    | 4.00       | 1.20    |
|   | 11113      |              |              | 500           | 900     | 1.00       | 0.20    |
|   | 2          |              |              | 500           | 12000   | 6.00       | 1.20    |
|   | 100        |              | -            | 2250          | 20500   | 10.00      | 1.40    |
|   | ile s      |              | DE           | 500           | 10350   | 5.00       | 0.80    |
|   | 3          |              | 2            | 1750          |         |            |         |
|   | 12         | -            | 11172        | 600           | 28000   | 14.00      | 1.60    |
|   | 100        | 1 2          | The state of |               | 200,000 | -          | 2.000   |
|   | 20000      | 250          | 0.40         | 4700          | 10000   | 50.00      | 3.20    |
|   |            |              | 47.10        | 4700          | 10000   | 50.00      | 3.20    |
|   |            | 22           | 10 (52)      | 6500          | 147600  | 72.00      | 3.60    |
|   | 2          | 2            | 17.5         | 7375          | 24000   | 12.00      | 0.80    |
|   |            | 2            | 11700        | 7373          | 24000   | 12.00      | 0.00    |
|   | 5 4.8      |              | 17227        |               | 84000   | 40.00      | 2.00    |
|   | - L        | - 9          |              | 11.00         |         |            |         |
|   | 950 2      |              | m            |               | 86000   | 40.00      | 2.80    |
|   | 2007       |              | - 3          | CO.           | 53750   | 25.00      | 4.00    |
|   | 100 a      |              | 8            | 10.00         | 6000    | 3.00       |         |
|   | XHI &      |              |              | 22.           | 52500   |            | 0.65    |
|   |            | 8            |              |               |         | 25.00      | 1.60    |
|   |            |              |              | NA.B          | 16400   | 8.00       | 0.80    |
|   |            | 7.1          | 8            | 1000          | 60000   | 30.00      | 2.40    |
|   | CENTER ! . | -            | - 5          | 4800          | 49400   | 26.00      | 1.60    |
|   | (1394 -    | ***          | ā            |               | 19000   | 10.00      | 2.00    |
|   | 0000       | -            | 1/01         |               | 53125   | 25.00      | 2.40    |
|   |            |              |              |               | 68400   | 36.00      | 3.60    |

| Green F        | odder . | Stalks of Rice, Jowar.   | Other ( |          |    |      |  |
|----------------|---------|--------------------------|---------|----------|----|------|--|
| Area           | Value   | Bajra, Maize & Sugarcene | Area    | Value    |    |      |  |
| (Hects)        | (Rs.)   | Value                    | (Hects) | (Rs.)    |    |      |  |
| A. III COLLEGE |         | (Rs.)                    |         | 20       |    |      |  |
| 28             | . 29    | 30                       | 31      | 32       | 24 |      |  |
|                |         | 2.75                     | 0.00    | 2000     |    |      |  |
| 2              |         | 960                      | 0.80    | 3000     |    |      |  |
|                | - 1     | 700                      | 0.80    | 750      |    |      |  |
|                | 1.11    | 700                      | 0.80    | 730      |    |      |  |
| 0.40           | 4200    |                          | - 5     | -        |    |      |  |
| 0.40           | 4200    | -                        | 125     | 120      |    |      |  |
| 0.40           | 4200    |                          |         |          |    |      |  |
| *              |         | -000                     | 0.80    | 4800     |    |      |  |
| -              |         | 1000                     | 0.80    | 4800     |    |      |  |
|                |         | 1000                     |         | 4000     |    |      |  |
| 0.80           | 8400    |                          |         |          |    |      |  |
|                |         |                          | 1.20    | 12000    |    |      |  |
| -              |         | 1600                     |         | 12000    |    |      |  |
| 0.80           | 8400    |                          | 1.5     |          |    |      |  |
| 0.80           | 8400    |                          | 3.20    |          |    |      |  |
| -              | -       | 700                      | 3.20    | 19210    |    | 2501 |  |
| 0.30           | 3000    | 750                      |         |          |    |      |  |
| 0.10           | 2400    | 800                      |         | 3        |    |      |  |
| 0.40           | 6000    | 2400                     |         | miž.     |    |      |  |
| 0.20           | 2500    |                          | 100     | nr.      |    |      |  |
| 0.20           | 2000    | 150                      |         | 102      |    |      |  |
| 0.20           | 5000    | 400                      | 1100    | MUST     |    |      |  |
| 0.40           | 4000    | 400                      | U.S.    | 11/10/11 |    |      |  |
| 0.40           | 4000    | - 000                    | 102-5   |          |    |      |  |
| 0.20           | 1800    | 800                      | 1000    | 14750    |    |      |  |
| 0.40           | 5000    | 500                      | =       |          |    |      |  |
| 0.80           | 18000   | 10000                    | 1.20    | 19200    |    |      |  |
| 0.40           | 5000    | 2400                     | 5.00    | 36000    |    |      |  |
|                |         | 3500                     | 0.80    | 28800    |    |      |  |
| 0.40           | 2250    | 2800                     | 0.00    | 20000    |    |      |  |
| 0.20           | 2400    | 4000                     |         |          |    |      |  |
| 0.20           | 4500    | 1200                     | -       | 18000-6  |    |      |  |
| 0.60           | 3000    | 2006                     | -       | 00008    |    |      |  |
| 0.20           | 3000    | 2000                     | 0.20    | 7800     |    |      |  |
| 0.60           | 8000    |                          |         | 4500     |    |      |  |
| 0.20           | 2000    |                          | 1.40    | 400      |    |      |  |
| 0.25           | 3500    |                          | 0.15    | 400      |    |      |  |
| 0.40           | 8500    |                          | 0.40    | 4455     |    |      |  |
| 0.30           | 7000    |                          | 0.40    | 20000    |    |      |  |
| 0.40           | 10000   |                          | 0.40    | 20000    |    |      |  |
| 0.20           | 4000    |                          | -       | 19000    |    |      |  |
| 0.20           | 3000    | -                        | 1 20    |          |    |      |  |
| 0.40           | -       | 1200                     | 1.20    | 19200    |    |      |  |
| 0.80           | 6000    |                          | 1.60    | 27200    |    |      |  |

| Zone     | District I           | Holdings     |     |                 | Paddy           |                | В               | ajra            |                |
|----------|----------------------|--------------|-----|-----------------|-----------------|----------------|-----------------|-----------------|----------------|
| Zone     | District             | Total Bes    | 200 | Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) | Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) |
| 1        | 2                    | 3 1011       | 100 | 4               | 5               | 6              | 7               | 8               | 9              |
| Southern | Faridabad            | Likhi        | HUT | -               | DT -2           | alini e i      | B (+1)          |                 |                |
| 30mmern  | 1 di tata sata       | Pirthala     |     | -               | 21 -            | 131 8 1        |                 |                 |                |
|          |                      | Pirthala     |     |                 |                 |                | -               | -               |                |
|          |                      | Bhupgarh     |     | 12              |                 |                | 1.00            |                 | 200            |
|          |                      | Nacholi      |     | 2:00            | 80.00           | 84000          |                 |                 | 100            |
|          |                      | Nacholi      |     | 2.00            | 90.00           | 94500          | 10.0            | 300             |                |
|          |                      | Likhi        |     |                 |                 |                |                 |                 |                |
|          |                      | Mandkola     |     | 3.20            | 80.00           | 1000           |                 |                 | 3.5            |
|          |                      | Sikari       |     | 1               | of t            |                |                 |                 | 29             |
|          |                      | Sikari       |     | 1.0             | 2               |                |                 | *               | 2.4            |
|          | Gurgaon              | Bonda Kalan  |     |                 |                 | -              | -               |                 |                |
|          | Cargara              | Jamalpur     |     | 2.1             |                 |                | 1.04            | 8.00            | 4400           |
|          |                      | Nasirwas     |     | 127             | -               |                |                 |                 | -              |
|          |                      | Padheni      |     | 120             | 0               | - 2            | 1.00            | 12.00           | 7200           |
|          |                      | Bhondsi      |     |                 | 0               | -              |                 |                 |                |
|          |                      | Khentawas    |     | 2.1             | -               | -              | 0.40            | 9.00            | 4950           |
|          |                      | Wazirpur     |     | 100             |                 |                | *               | *               |                |
|          |                      | Biehhor      |     | 12              |                 | -              |                 |                 |                |
|          | Mahendergarh         |              |     | 15              | - 2             | -              | 0.40            | 1.00            | 550            |
|          | Production Committee | Schlang      |     | 227             | - 5             | -              | 0.60            | 11.00           | 6600           |
|          |                      | Kanina       |     | -               | -               | ~              | 0.60            |                 |                |
|          |                      | Riwasa       |     | 7.2             | 2               |                | -               |                 |                |
|          |                      | Shaharpur    |     | 1.2             | 12              |                | 0.50            | 6.00            | 3900           |
|          |                      | Nangal Nunia |     | 72              | 100             | -              | 1.60            | 4.00            | 2200           |
|          |                      | Satnali      |     | 72              | 12              | 848            | 2.80            |                 |                |
|          | Rewari               | Suthaga      |     | 1/2             | - 5             | 343            | 0.60            | 2.00            | 1200           |
|          |                      | Manethi      |     | 127             | 100             | 5.0            | 0.80            | 2.00            | 1200           |
|          |                      | Palhawas     |     | -               |                 | 7.0            | 0.60            | 4.00            | 2400           |
|          |                      | Palhawas     |     | -               | 1               | -              | 0.80            | 2.00            | 800            |
|          |                      | Manethi      |     |                 | 2               |                | 1.20            | 3.00            | 1800           |
|          |                      | Maheshwari   |     |                 | 12              |                | -               | *               | -              |
|          |                      | Nahar        |     |                 | - 0             | -              | 0.40            | *               | -              |
|          |                      | Suthana      |     |                 |                 |                | 1.80            |                 |                |

|                 |                 | HUL B          |     |                 |                 | (US)           |     |                 | and the second                        |                 | J. July H.      |                |
|-----------------|-----------------|----------------|-----|-----------------|-----------------|----------------|-----|-----------------|---------------------------------------|-----------------|-----------------|----------------|
| Tio T           | Maize           |                | - 1 |                 | Pulses          | UIDI I         |     | Pulses(         | Bhusa)                                | Cot             | ton (Des        | i)             |
| Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) |     | Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) | i i | Yield<br>(Qtls) | Value<br>(Rs.)                        | Area<br>(Hects) | Yield<br>(Qtis) | Value<br>(Rs.) |
| 10              | 11              | 12             |     | 13              | 14              | 1.5            |     | 16              | 17                                    | 18              | 19              | 20             |
| -               | -               | - 1            |     | -               | F.              |                |     | •               | * 4 1 1 1                             |                 | -               |                |
|                 |                 | 12.1           |     |                 |                 |                |     | * 1             | di-qui                                |                 |                 | -              |
| -               |                 | 1.7            |     |                 |                 | 00.00          |     | +1              | 50000                                 | 7.              |                 | -              |
|                 |                 | 11             |     | 21              | 1010            | Unite -        |     | + 1             | 211110                                |                 | *               | - 3            |
|                 | - 2             | -              |     | 0.40            | 3.00            | 3600           |     |                 | * (Hatta                              |                 | *               | - 27           |
| -               |                 |                |     | 0.40            | 7.00            | 8400           |     | -               | HSI THE                               | *:              |                 |                |
| -               |                 | 120            |     | 2.20            | 1.00            | 1300           |     | 200             | 2.150                                 |                 |                 | *              |
| -               |                 | -              |     |                 |                 |                |     |                 | 2 15 11                               |                 |                 | *              |
| 5000            |                 |                |     | 2.80            | 8.00            | 10000          |     |                 |                                       |                 | 1.7             | 4              |
| CALIFF          |                 | DOM:           |     | 2.00            | 7.00            | 8610           |     | *               | 1.0                                   | -               |                 | -              |
| - 2             |                 |                |     | -               |                 |                |     | *               | PERCHINA                              |                 |                 |                |
| 200             | - 6             | OCLUIT.        |     | 1.6             |                 |                |     | ~               | 35.1                                  | 3.              |                 |                |
|                 |                 | 160            |     |                 |                 |                |     |                 | P-11124                               | - 3             |                 |                |
| 5.00            | - 3             | HI.Je          |     |                 | - 0             |                |     | -               | and remote                            | - 25            | 1.5             | 5.7.0          |
| 17              | - 3             | 100            |     |                 | - 0             |                |     | -               | mentary.                              |                 | 12              | -              |
|                 |                 |                |     | 2.5             | 2.0             |                |     |                 | 4-111-41                              |                 | 12              |                |
|                 |                 | JULI           |     |                 | 1               |                |     | -               | W0750                                 |                 |                 |                |
| 5 100           |                 | 10:11          |     |                 |                 |                |     |                 | 2411 1154                             |                 | -               |                |
| 177             |                 |                |     | 2.7             |                 |                |     |                 |                                       |                 | 12              | 0.71           |
|                 |                 |                |     | 100             |                 |                |     |                 | ***                                   |                 |                 | -              |
| 7.00            |                 | lo"i i         |     |                 |                 |                |     |                 | THE PERSON NAMED IN                   |                 |                 | -              |
|                 | -               | nosi 5         |     |                 |                 |                |     | -               | ingel serrel                          |                 | -               |                |
|                 | 5.0             |                |     |                 |                 |                |     |                 | okmin.                                |                 |                 |                |
|                 |                 | 00.30          |     |                 |                 |                |     |                 | 840 104                               |                 |                 | **             |
| *               |                 | JUX 3          |     |                 | -               |                |     | -               | TORONI I                              |                 | 0#1             | +1             |
| 300             |                 | 00.1           |     |                 | -               | 34             |     |                 | ##################################### |                 | 200             | -              |
| -               |                 | 00.1           |     |                 |                 |                |     |                 |                                       |                 | -               | -              |
| *               |                 | 10 " 1         |     | -               | -               |                |     |                 | 1.42                                  | -               | 300             |                |
| *               |                 |                |     | -               | -               |                |     |                 | Diving #2000                          |                 | 270             |                |
| *               | (5)             |                |     |                 | 3               |                |     | -               |                                       |                 | 1.30            | ===            |
| -               |                 | -              |     | 2               |                 | -              |     | -               | *                                     |                 | 553             | 23             |
|                 | 1.0             |                |     | -               |                 |                |     | -               | (+)                                   |                 |                 |                |
|                 | 18              | - 5            |     | -               | -               | -              |     | -               |                                       | 3               |                 | - 5            |
|                 |                 | _              |     |                 |                 |                |     | -               |                                       |                 |                 |                |

| Area    | ras Vield Value |           | Cotton (American) Cotton Sticks |  |        |        | Sugarcane (Cane & Seed) |  |  |  |  |  |  |
|---------|-----------------|-----------|---------------------------------|--|--------|--------|-------------------------|--|--|--|--|--|--|
| Mica    | Yield           | Value     | Value                           | Area   | Yield  | Value  |                         |  |  |  |  |  |  |
| (Hects) | (Qtls)          | (Rs.)     | (Rs.)                           | (Hects)  | (Qtis) | (Rs.)  |                         |  |  |  |  |  |  |
| 21      | 22              | 23        | 24                              | 25   | 26     | 27     | Harani.                 |  |  |  |  |  |  |
|         |                 |           |                                 | THE STATE OF THE S |        |        |                         |  |  |  |  |  |  |
|         |                 |           | 167.3                           | -  | -      |        |                         |  |  |  |  |  |  |
|         |                 |           | 100                             | -  | 33     |        | 77                      |  |  |  |  |  |  |
|         | 2               |           |                                 |  | -      |        |                         |  |  |  |  |  |  |
|         | 9 20            |           |                                 | 1.40   | 392.00 | 36875  |                         |  |  |  |  |  |  |
|         | 2.11            |           |                                 |  |        | -      |                         |  |  |  |  |  |  |
|         |                 | 2         |                                 | 2  |        | 1.0    |                         |  |  |  |  |  |  |
|         |                 | 2000      | (4)                             |  | *      |        |                         |  |  |  |  |  |  |
|         |                 |           |                                 |  | -      | 12     |                         |  |  |  |  |  |  |
|         | 2.1             |           | 20                              |  | -      | 11.5   |                         |  |  |  |  |  |  |
|         |                 |           |                                 |  | -      | 7.0    |                         |  |  |  |  |  |  |
|         |                 |           |                                 | -  | -      |        |                         |  |  |  |  |  |  |
|         | 2               | 2         |                                 | 2  |        |        |                         |  |  |  |  |  |  |
|         | -               | *1.7 m. 7 |                                 |  | 2      | 19     |                         |  |  |  |  |  |  |
|         |                 |           |                                 |  | 9      | 100    |                         |  |  |  |  |  |  |
|         |                 |           |                                 |  |        | 19.    |                         |  |  |  |  |  |  |
|         |                 |           | 10.51                           |  |        |        |                         |  |  |  |  |  |  |
|         |                 | 2 10      | 10.0                            | Or Lan   |        |        |                         |  |  |  |  |  |  |
|         |                 |           | 116.58                          | 2  | -      | 7.997  |                         |  |  |  |  |  |  |
|         |                 |           | 1750                            |  |        | 4      |                         |  |  |  |  |  |  |
|         |                 |           |                                 |  | 2      | 127    |                         |  |  |  |  |  |  |
| 15      | - 5             | - 5       |                                 | 9112   | 2      | 120    |                         |  |  |  |  |  |  |
|         | - 3             | 2         |                                 | 2  | 12     | 2.0    |                         |  |  |  |  |  |  |
|         | - 6             | - 9       |                                 |  | 2      | 120    |                         |  |  |  |  |  |  |
|         |                 |           |                                 |  | 9      | 127    |                         |  |  |  |  |  |  |
|         |                 | - 9       |                                 | 100  | 12     | 147    |                         |  |  |  |  |  |  |
| 1.7     |                 |           | 1167)                           |  | 2      | 120    |                         |  |  |  |  |  |  |
|         |                 | 9         |                                 | 1  |        |        |                         |  |  |  |  |  |  |
| 13      | - 5             | 20        |                                 | 9  | 2      |        |                         |  |  |  |  |  |  |
|         | - 3             |           | 1155                            | 34   | 8      | 17 720 |                         |  |  |  |  |  |  |
|         |                 |           |                                 | gue.   | - 8    | 121    |                         |  |  |  |  |  |  |
|         |                 | - 1       |                                 | State  | - 0    |        |                         |  |  |  |  |  |  |
| 0.40    | -               |           |                                 |  |        | (Copy) |                         |  |  |  |  |  |  |
| 0.40    | 85              | 8.        | 08.50                           | 300  |        |        |                         |  |  |  |  |  |  |

| Green   | Fodder .  | Stalks, Rice, Jowar,       | Oth     | er Crops | TORSIES OF |  |
|---------|-----------|----------------------------|---------|----------|------------|--|
| Агеа    | Value     | Bajra, Maize and Sugarcane | Area    | Value    |            |  |
| (Hects) | (Rs.)     | Value                      | (Hects) | (Ra.)    |            |  |
| Conney  | 1,4,4,4,7 | (Rs.)                      | - 24    |          |            |  |
| 28      | 29        | 30                         | 31      | 32       |            |  |
| 0.80    | 4000      |                            | 0.40    |          |            |  |
| 1.40    | 4000      |                            | 1.00    |          |            |  |
| 0.60    | 1000      | 115.00                     | 141     | (+)      |            |  |
| 2.20    | 11000     | 2000                       |         | (+)      |            |  |
| 1.60    | 8000      |                            |         | -        |            |  |
| 0.40    | 4000      |                            |         |          |            |  |
| 2.00    | 10000     |                            | 0.16    | 18000    |            |  |
| 0.80    | 7000      |                            | -       | -        |            |  |
| 1.20    | 5000      | 1000                       | -       |          |            |  |
|         |           | 700                        | -       | 4.5      |            |  |
| 100     |           | 100                        | 1.20    | 5.65     |            |  |
|         |           |                            |         |          |            |  |
|         |           | 14000                      | 4.80    | 55000    |            |  |
|         |           | 3000                       |         |          |            |  |
| 0.60    | 4500      |                            |         |          |            |  |
| 0.40    | 3000      | 1800                       | 1.50    | 22280    |            |  |
| 4.00    | 64000     |                            | 2.80    | 5000     |            |  |
| 4.00    | CHUNN/    |                            | 8.00    |          |            |  |
|         | 157       | 3600                       | 0.00    |          |            |  |
| - 2     |           | 1500                       |         |          |            |  |
|         | - 20      | 1500                       |         |          |            |  |
|         | 1-27      |                            |         |          |            |  |
|         |           | 1040                       | 1.72    |          |            |  |
|         |           | 2500                       |         |          |            |  |
|         | -         | 2300                       | 0.80    |          |            |  |
|         | -         | 800                        | 0.80    |          |            |  |
|         |           |                            |         |          |            |  |
|         | -         | 2000                       |         | 1000     |            |  |
| -       |           | 1000                       | 0.60    | 1000     |            |  |
| -       |           | 300                        |         |          |            |  |
| 2       |           | 2500                       |         | . 65     |            |  |
| 0.40    | 2000      |                            | 2.10    |          |            |  |
|         | -         | 600                        | 0.40    |          |            |  |
| 1.80    |           | *                          |         |          |            |  |

APPENDIX - II-B

Cropped area, Yield and its Value of crops sown on Unirrigated land (Kharif) 2002-03

|          |              |      |            |        |                 | the same         |                |         | 213817                                |       |
|----------|--------------|------|------------|--------|-----------------|------------------|----------------|---------|---------------------------------------|-------|
| Zone     | District     | ali) | Holdings   | (420)  |                 | Paddy            |                | 1       | Baira                                 |       |
| nr.      | 0.1          |      |            |        | Area<br>(Hects) | Yield<br>(()tlo) | Value<br>(Rs.) | (Hects) | Yield<br>(Qtls)                       | (Rs.) |
| 1        | 2            |      | 3          |        | +               | 5                | 6              | 7       | 8                                     | 9     |
| Northern | Ambala       |      | Patvi      |        |                 | -                |                |         | (4) (1)                               |       |
| - 1      | Panchkuia    |      | Morni      |        | 20              | 14.0             |                | 5 6     |                                       | 2.75% |
|          | Kurukshetra  |      | Thaska Mir | anji   | -               |                  |                | 0.00    | 25                                    |       |
| Central  | Rohtak       |      | Bhali Anan | dour   | 21              | -                | 1.0            |         |                                       | 5.55  |
|          |              |      | Madina     | 340200 | 12              | -                | (4)            |         | 2.5                                   | 350   |
|          | Sonipat      |      | Kheri Dhan | akan   | 2               |                  |                | 5 34    |                                       | 343   |
|          | compan       |      | Mudhlana   |        |                 |                  |                | 5 %     | 12                                    | 2.40  |
|          |              |      | Mohana     |        |                 |                  |                | 0.40    | 4.00                                  | 2400  |
|          |              |      | Gudha      |        |                 |                  | -              |         | I I I I I I I I I I I I I I I I I I I |       |
| Western  | Bhiwani      |      | Hetsopura  |        | - 5             | 7.27             | 21             | 1.60    | 12                                    | -     |
| Western  | Dillivani    |      | Hetampura  |        |                 | -                |                | 1.50    | 2.0                                   |       |
|          |              |      | Dhani Huna | it     |                 | 4                |                |         |                                       |       |
|          | Hisar        |      | Agroha     |        |                 |                  | 2              | 0.40    | 6.00                                  | 3600  |
| Southern | Gurgaon      |      | Malab      |        | - 8             |                  | 41             | 0.80    | 4.00                                  | 1800  |
|          |              |      | Kheri Nuh  |        | 2               |                  |                |         |                                       |       |
|          | Mahendergarh |      | Napla      |        |                 | -                |                | 1.20    | -                                     |       |
|          | -            |      | Godh       |        | 8               | 4                | 2              | 0.40    | - 0                                   |       |
|          |              |      | Satnali    |        | 2               | -                | 2.5            | 3.20    | -                                     |       |
|          |              |      | Nangal Nur | nia    | 2               | -                | -              | la la   |                                       |       |

|                | Maize           |                | P               | ilses           |                | Pulses()        | Bhusa)         | C               | otton (D        | esi)           |  |
|----------------|-----------------|----------------|-----------------|-----------------|----------------|-----------------|----------------|-----------------|-----------------|----------------|--|
| Area<br>Hects) | Yield<br>(Qtls) | Value<br>(Rs.) | Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) | Yield<br>(Qtls) | Value<br>(Rs.) | Area<br>(Hects) | Yield<br>(Qtis) | Value<br>(Rs.) |  |
| 10             | 11              | 12             | 13              | 14              | 15             | 16              | 17             | 18              | 19              | 20             |  |
| 12             |                 | 6              |                 | 35 -            |                | -               |                |                 | -               | -              |  |
| 1.21           | 20.00           | 12000          |                 |                 |                |                 |                |                 |                 | - 8            |  |
|                |                 |                | 4               | -               | * .            | **              | . 1000         |                 |                 |                |  |
| 1              | 1.0             |                | 124             |                 | *:             | -               |                |                 |                 |                |  |
| -              |                 |                | 7.2             |                 | *              |                 | of the         |                 |                 |                |  |
|                |                 |                | 14              |                 | +5             | *               |                | 37.             |                 | - 5            |  |
|                |                 |                |                 |                 | *              |                 |                | 25              | œIII I          |                |  |
|                | 12              | 2.0            | 24              |                 | 40             | *               |                | -               |                 | -              |  |
|                | 120             | -              |                 |                 |                | w. 10           |                | 20.0            | 7               | -              |  |
|                | 1.0             |                | -               |                 |                | -               | enced in 7     | 25              |                 | 3              |  |
|                |                 | 11112          | -               | 2.40            |                | *               |                | 22              | 127             |                |  |
| 3              | 2               | 20             | -               | 200             |                | 1               | 35/11 [1]      |                 | -               |                |  |
| - 2            | 21              | 20             | 540             | -               | 200            | -               |                | 0.40            | 2.00            | 3400           |  |
|                | 27              | 2              | 540             |                 | - 2            | -               |                | 38              | -               | 177            |  |
|                | 2.5             | - 2            |                 | 1.0             |                |                 | 1 × 1          |                 |                 |                |  |
|                |                 |                |                 | -               | 8              | -               |                | - 1             | 4.5             | 1.0            |  |
|                |                 |                | 0.00            | +5              | -              | 1.0             | -              | 58              | -               | 1.5            |  |
| - 3            |                 |                | -               | +               |                |                 | - 1 miles      | -               | -               |                |  |
|                |                 | 2              |                 | 22              |                | - 2             |                |                 | 0.00            | 1.2            |  |

| ¿ Seed)        | cane (Cane &    | Sugar           | cks  | Cotton Sticks  | )              | (American       | Cotton          |
|----------------|-----------------|-----------------|------|----------------|----------------|-----------------|-----------------|
| Value<br>(Rs.) | Yield<br>(Qtls) | Area<br>(Hects) | 71.0 | Value<br>(Rs.) | Value<br>(Rs.) | Yield<br>(Qtls) | Area<br>(Hects) |
| 27             | 26              | 25              |      | 24             | 23             | 22              | 21              |
| 2              |                 | 697             |      | -              | 12/7           |                 | *               |
| -              | -               |                 |      |                | 7.0            |                 | 5               |
|                | 14              |                 |      | 114            | -              |                 |                 |
| 7.5            |                 |                 |      | 0/15           | 1104           |                 |                 |
| -              | 4               | -               |      |                |                | - 1             | *:              |
| 2              | -               |                 |      | -              |                | -               | *               |
| 2              | -               |                 |      |                | -              | 1.5             | *               |
| 3              | -               |                 |      | -              |                | -               | 55              |
| -              | -               |                 |      | 5              | -              | 1.7             | *1              |
|                | -               | -               |      |                |                | 15              | 20              |
|                | -               | 8.50            |      |                | 31. 13         | 1.5             | 71              |
|                | -               | 0.75            |      |                | -              | 580             | 8               |
| -              | 17              | 675             |      | -              |                | 31              |                 |
|                | 1.70            |                 |      |                |                | 587             | *               |
| -              |                 | 0.75            |      |                |                |                 |                 |
| -              |                 |                 |      |                |                | 3.87            | 5.              |
| - 2            |                 | 4161            |      |                |                |                 | 8               |
| 10             | -               | 6.1             |      |                | 10.001         |                 | *               |
| -              | 1,70            | -               |      |                | . + 2          |                 | -               |

| Green           | Fodder         | Stalks of Rice, Jowar,                   | Oth          | er Crops .     | 11-11-11 |  |
|-----------------|----------------|--|--------------|----------------|----------|--|
| Area<br>(Hects) | Value<br>(Rs.) | Bajra, Maize & Sugarca<br>Value<br>(Rs.) | Area (Hects) | Value<br>(Rs.) |          |  |
| 28              | -29            | 30                                       | 31           | 32             |          |  |
| 0.40            | 5000           |  | 1,00         | 22500          |          |  |
| -               |                |  | -            |                |          |  |
| -               |                |  |              |                |          |  |
| -               |                |  |              |                |          |  |
|                 | - 7            |  |              |                |          |  |
|                 | .*             |  | 1.0          | -              |          |  |
| 8               |                |  |              |                |          |  |
| 0.40            | 2000           |  |              |                |          |  |
| 3               |                |  | 18           |                |          |  |
|                 |                |  | 1.0          |                |          |  |
|                 |                | 25                                       |              | -              |          |  |
| 9               | - 27           |  |              |                |          |  |
|                 | -7.            |  |              |                |          |  |
| -               | - 5            | 15000                                    | 1.00         | 1500           |          |  |
| -               |                | 10000                                    | 2.00         | 10000          |          |  |
| -               |                | -  |              |                |          |  |
| -               |                | 3  |              |                |          |  |
| -               |                |  | 18           |                |          |  |
|                 | -              | *  |              | 120            |          |  |

APPENDIX - III-A

Cropped area, Yield and its Value of crops sown on Irrigated Land (Rabi) 2002-03

| Zone     | District     | Holdings          |         | Wheat  |        | Wheat  | Bhusa) |
|----------|--------------|-------------------|---------|--------|--------|--------|--------|
|          |              |                   | Area    | Yield  | Value  | Yield  | Value  |
|          |              |                   | (Hects) | (Qtls) | (Rs.)  | (Ctls) | (Rs.)  |
| 1        | 2            | 3                 | - 4     | 5      | 6      | 7      | 8      |
| Northern | Ambala       | Alipur            | 1.40    | 80.00  | 50400  | 80.00  | 8000   |
|          |              | Sullar            | 2.40    | 105.00 | 66150  | 100.00 | 10000  |
|          |              | Mohra             | 3.40    | 100.00 | 63000  | 105.00 | 13650  |
|          |              | Barara            | 3.00    | 155.00 | 97650  | 150:00 | 15000  |
|          |              | Patvi             | 0.80    | 40.00  | 25200  | 40.00  | 5000   |
|          | Panchkula    | Surajpur          | 2.72    | 80.00  | 52000  | 70.00  | 14000  |
|          |              | Kiratpur          | 2.64    | 77.00  | 50050  | 77,00  | 10780  |
|          |              | Barwala           | 1.60    | 64.00  | 40320  | 64.00  | 8000   |
|          | Karnal       | Bada Gaon         | 1.20    | 60.00  | 37800  |        |        |
|          |              | Bajidpur          | 1.41    | 70.00  | 44100  | 70.00  | 5400   |
|          |              | Dadupur Roran     | 1.50    | 68.00  | 42840  | 68.00  | 10880  |
|          |              | Garhi Gujran      | 0.70    | 30.00  | 18900  | 30.00  | 3600   |
|          |              | Bijna             | 1.40    | 70.00  | 44100  | 70.00  | 7700   |
|          |              | Araipura          | 3.50    | 140.00 | 88250  | 135.00 | 18000  |
|          |              | Fusgarh           | 2.52    | 120.00 | 75600  | 120.00 | 13200  |
|          |              | Padhana           | 6.50    | 312.00 | 196560 | 312.00 | 31200  |
|          | Kurukshetra  | Khanpur Kolian    | 3.10    | 85.00  | 53550  | 85.00  | 12750  |
|          |              | Jandhera          | 1.20    | 55.00  | 34650  | 55.00  | 5500   |
|          |              | Kamoda            | 4.20    | 150.00 | 94500  | 150.00 | 12000  |
|          |              | Sandholi          | 1.80    | 63.00  | 39690  | 63,00  | 9450   |
|          |              | Dadlu             | 3.00    | 100.00 | 63000  | 75.00  | 7500   |
|          |              | Phalsanda Rangran | 2.60    | 125.00 | 78750  | 125.00 | 12500  |
|          |              | Thaska Miranji    | 5.00    | 194.00 | 122220 | 194.00 | 19400  |
|          | Panipat      | Diwana            | 1.40    | 60.00  | 37800  | 60.00  | 8400   |
|          |              | Didwari           | 2.00    | 90.00  | 55700  | 90.00  | 12000  |
|          |              | Hathwala          | 1.70    | 74.00  | 45620  | 74.00  | 7400   |
|          |              | Nara Khurad       | 2.80    | 124.00 | 78120  | 124.00 | 16740  |
|          |              | Kurar             | 3.80    | 180.00 | 113400 | 180.00 | 23400  |
|          | Yamuna Nagar | Sabepur           | 0.70    | 30.00  | 13900  | 27.00  | 2700   |
|          |              | Bheel Chhapper    | 1.85    | 54.00  | 33480  | 50.00  | 5000   |
|          |              | Jubbal            | 2.40    | 70.00  | 43400  | 70.00  | 7000   |
|          |              | Sarawan           | 1.60    | 52.00  | 32760  | 52.00  | 5200   |
|          |              | Radauri           | 2.40    | 75.00  | 47250  | 75.00  | 7500   |
|          |              | Goniana           | 2.00    | 90.00  | 55700  | 90.00  | 9000   |
|          |              | Dariyapur         | 4.00    | 130.00 | 78000  | 130.00 | 19500  |
|          |              | Balachaur         | 10.00   | 325.00 | 204750 | 325.00 | 48750  |

|         | Barley             |       |                 | Barley        | (Bhusa) | HOW THE |   |   | Gram.(E)          |       |
|---------|--------------------|-------|-----------------|---------------|---------|---------|---|---|-------------------|-------|
| Area    | Yield              | Value |                 | Yield         | Value   | Arca    | Yield                                   | Value                                   |                   | Value |
| (Hects) | (Otls)             | (Rs.) |                 | (Qtls)        | (Rs.)   | (Hects) | (Qtls)                                  | (Rs.)                                   | (Qtls)            | (Rs.) |
| 9       | 10                 | 11    |                 | 12            | 13      | 14      | 15                                      | 16                                      | 17                | 18    |
| nitiv   | THE REAL PROPERTY. |       | -4-5            | - 1           |         | 14/     |   |   | =;411):1          | 3 100 |
|         | 11000              | -     |                 | W=K           | 1000    | (40)    |   | . (6)                                   |                   | -     |
|         | -                  | -     |                 |               | (and)   |         |   |   |                   | -7    |
|         |                    |       |                 |               |         |         | 4.5                                     | 1 12                                    |                   | -     |
|         | - O 1              | 11    |                 | 16 8          | 4000    |         | -                                       | politica:                               | LE LO             | 7     |
|         | 20.7               |       |                 | 9 11          | 400.5   | 100     | -                                       | Halling's                               |                   |       |
|         | 201                |       |                 | 200           | 3363    | 2.00    |   | 11014                                   | 1.5               | 2     |
| Land)   | 1.0                | 11    |                 | 21            | 47.3    |         |   | 111111111111111111111111111111111111111 |                   | -     |
|         | 30 1               |       |                 | 0.0           |         |         |   | Land St                                 |                   |       |
| 1.00    |                    | 100   |                 | - 12          | -11     |         |   | HINES                                   |                   | -     |
|         |                    | 100   |                 | -             | -50.5   |         |   | on the                                  |                   | -     |
|         |                    |       |                 | 1-14          |         |         |   |   |                   |       |
|         |                    |       |                 | U. A          |         |         |   | anari -                                 | (2)               |       |
|         |                    |       |                 | Uem           |         |         |   | h plik                                  | -                 |       |
|         |                    |       |                 | 00.65         | 200     | 0.05    |   | 2000                                    | 1.00              |       |
| TO T    |                    | 1.0   |                 | 05.00         |         | 0.05    |   | 2000                                    | 4.000             |       |
|         | -                  |       |                 | 307           |         |         |   |   |                   | 1,000 |
| 1111    |                    |       |                 | David Control | 201     |         |   | ambit.                                  |                   | 0.00  |
| .cj     | -                  |       |                 |               |         | -       |   | ruthor :                                |                   | 555   |
| 102.12  | -                  |       |                 | 1/4           | 400     | **      |   | regard :                                |                   | 2000  |
| Oug     |                    |       |                 | 12:11         |         |         |   | diffice.                                |                   |       |
|         | -                  |       |                 | V-01          | 047.155 |         |   | - HOLZ                                  | antidestri 2      | 1.5   |
|         | -                  |       |                 | 94.1          |         |         |   | ellma viii                              | 100               |       |
|         | 14                 |       |                 | -             | 4.7     | +       |   | COD J. F.                               | (*)               | / **  |
| 70      | 14                 |       |                 | +             | 40      | *       |   | (I)== Z)=                               |                   |       |
|         |                    |       |                 | 741           | 4311    |         | - 3                                     |   |                   |       |
| -       | 9 =                |       |                 | 174           | ***     | *       | III SID                                 | EH LET'S                                |                   | ±1    |
| 1 - 1   | 5                  |       |                 | 11.0          | 46      | +       | 111111111111111111111111111111111111111 |   |                   | 10    |
| ALL S   | 2                  | +     |                 | 7-10          | 46      | *       | 26 11                                   | news] =                                 | apenin (1         | *     |
| 11151   | 12                 | 2     |                 | 1             | 43.7    | *       | *                                       | TWING I                                 | 10                | =     |
| 4       | -                  | -     |                 | 10-11         | +       |         | +                                       | crittine.                               | 18                |       |
| 100     | 127                | - 2   |                 | -             | 435     | +       | *                                       | 1111/03                                 |                   | £3    |
| 1       | -                  |       |                 | 2811          | 43      | -       | 5.0                                     |   | E.                | *     |
| 1       | 19                 |       |                 | 747           | 43 .0   | 9       | (4)                                     | JIII ZH                                 | Variation (Value) | - 51  |
| 184     | 23                 | -     |                 | 100           | 28.1    | +       | породен                                 | haddle-                                 | -                 |       |
| (177    |                    | 1     |                 | 15.287        |         | -       |   | modul.                                  |                   | *     |
|         |                    |       | OTHER PROPERTY. | TALLE         | IIC I   |         |   | Save                                    |                   |       |
|         |                    |       |                 |               |         |         |   |   |                   |       |
|         |                    |       |                 |               |         |         |   |   |                   |       |
|         |                    |       |                 |               |         |         |   |   |                   |       |
|         |                    |       |                 |               |         |         |   |   |                   |       |

| I      | ulses  |             | Pulse    | s (Bhusa) |         | Oilseed | S        | Green      | Fodder | Othe     | er crops |
|--------|--------|-------------|----------|-----------|---------|---------|----------|------------|--------|----------|----------|
| Area   | Yield  | Value       | Yield    | Value     | Area    | Yield   | Value    | Area       | Value  | Area     | Value    |
| Heets) | (Otls) | (Rs.)       | (Qtls)   | (Rs.)     | (Hects) | (Qtls)  | (Rs.)    | (Hects)    | (Qtls) | ( Hects) | (Rs.     |
| 19     | 20     | 21          | 22       | 23        | 24      | 25      | 26       | 27         | 28     | 29       | 30       |
| -      |        |             |          | +         |         | -       |          | 0.20       | 4200   |          | -        |
|        |        |             |          |           |         |         |          |            |        |          |          |
|        |        |             |          | 13.       |         |         |          | 0.40       | 4500   |          | -        |
| -      |        |             | 1911     |           | 43      |         | 0.00     | or arbitra |        | 1.80     | 10000    |
|        | 1.2    |             | 130      |           | -       | 1.0     | 7.600    | 0.30       | 5000   |          |          |
|        |        |             | 100      | 100       |         | -       | of real  | 0.40       | 8000   | 1.00     | 22500    |
|        |        |             |          | 5.0       |         | 9       |          | 0.40       | 17500  |          |          |
| 0.32   | 2.00   | 3000        | -        | 0.0       |         |         | +1       | 0.24       | 6000   | 43       | 1        |
|        |        | in a second | -        | 100       |         | -       | 590      | 0.60       | 12000  | 1.00     | 12800    |
| 112    | - 2    |             | 100      | 100       |         | -       | 100      |            |        |          | -        |
|        | 1.00   |             |          |           |         |         | 1000     | 0.10       | 4000   | +3       | -        |
|        |        |             |          | 10%       | -       | 1.4     | 1.0      | 0.20       | 4000   |          | +        |
| -      |        |             |          |           | - 21    |         |          | 0.20       | 5000   | 0.90     | 18000    |
| 14     |        |             |          | 11.2      |         |         | 6.5      | 0.10       | 4000   | +        | -        |
|        |        |             | H        | 164       |         |         |          | 0.40       | 14000  |          |          |
|        |        |             | 116      |           |         | 6 4     |          | 0.15       | 4500   | 0.68     | 16000    |
|        |        |             |          | 10.       | 41      |         | 120      | 2.10       | 50000  |          | 10000    |
|        |        |             |          |           |         |         |          | 0.80       | 15000  |          |          |
|        |        |             |          |           |         |         | 100      | 0.40       | 12000  | 0.80     | 8400     |
| 1.7    |        |             |          |           |         |         |          |            |        | 0.60     | 0400     |
| 7      |        |             | -        |           |         |         |          | 0.40       | 13000  | **       | -        |
|        |        |             |          |           |         |         |          | 0.20       | 6500   |          | -        |
|        |        |             | -        | 100       |         | -       | (*)      | 0100       | 19000  | 0.00     | 22140    |
| -      |        | ling in     |          | -         |         | -       |          | 0120       | 5000   | 0.80     | 22140    |
|        |        |             |          |           | *       | -       | 110.01   | 0.30       | 9000   |          | -        |
|        |        |             |          |           |         | -       | 111 7.4. | 0.40       | 12000  |          | -        |
| -      |        |             | -        |           | 0.50    | * 00    | + 600    | 0.40       | 10000  | **       |          |
| 11500  |        | 14          |          |           | 0.50    | 1.00    | 1600     | 0.05       | 625    |          | -        |
| -      | -      | -           |          | 1112      |         |         |          | 0.20       | 4000   | +7       | -        |
| Hill   |        | -           | -        | -         |         | -       |          | 0.20       | 6000   | 3 02     |          |
| -      | -      | -           |          | -         |         | -       | -        | 0.20       | 5000   | 0.20     | 9000     |
|        | 100    |             | -        |           | -       | -       |          | 0.15       | 4000   | 7.7      | -        |
|        |        | -           | -        |           | 23      |         | -        | 0.20       | 4000   |          |          |
| 12     |        | -           | -        | 100       | 25      | 1.4     |          | 0.40       | 8000   | 0.40     | 12000    |
| 0.20   | 1.00   | 1750        | 9 12     |           | 20      |         | +        | 0.20       | 4000   | +        | -        |
|        |        |             |          |           |         |         |          |            |        |          |          |
| 15     |        |             | 14       |           | . 9     | -       | -        | 0.40       | 12000  | -        | 1        |
| -      | 1.0    | 1815        | 10(14) % |           | 2       | 100     |          | 2.00       | 30000  |          | -        |
|        |        | 924         | Inded to | 11/2      | 7/      |         | -        | 1.20       | 27000  | -        |          |
|        |        | 1621        | 100      | 1907      |         |         |          |            |        |          |          |
|        |        |             |          |           |         |         |          |            |        |          |          |
|        |        |             |          |           |         |         |          |            |        |          |          |
|        |        |             |          |           |         |         |          |            |        |          |          |
|        |        |             |          |           |         |         |          |            |        |          |          |

| Zone     | Distri   | ct    | Holdings           |            | Wh          | cat    |        | Wheat/Bhusa |
|----------|----------|-------|--------------------|------------|-------------|--------|--------|-------------|
|          |          |       | End Built's        | Area       | m m m m m m | Value  | Yield  | Value       |
|          |          |       |                    | (Hects)    | (Qtls)      | (Rs.)  | (Qtls) | (Rs.)       |
| 1        | 2        | 27    | 3                  | 4          | 5           | 6      | 7      | 8           |
| Central  | Jind     |       | Dalamwala          | 1.00       | 36.00       | 22680  | 36.00  | 5400        |
| Senia di | 2        |       | Naguran            | 2.40       | 100.00      | 63000  | 125.00 | 12500       |
|          |          |       | Palwan             | 1.40       | 42.00       | 26460  | 42.00  | 6300        |
|          |          |       | Budha Khera        | 1.60       | 61.00       | 38335  | 61.00  | 6100        |
|          |          | 100   | Shila Kheri        | 3.50       | 120.00      | 86200  | 120.00 | 12000       |
|          |          |       | Chopra Patti (Narv | vana) 1.00 | 32.00       | 20160  | 32.00  | 4500        |
|          |          |       | Barah Kalan        | 2.10       | 120.00      | 75600  | 120.00 | 18000       |
|          |          |       | Desh Khera         | 4.00       | 180,00      | 113400 | 90.00  | 13500       |
|          |          |       | Budha Khera        | 3.20       | 110.00      | 69300  | 125.00 | 12500       |
|          |          |       | Chopra Patti (Narv |            | 36.00       | 21680  | 36.00  | 2160        |
|          |          |       | Uchana Khurd       | 0.80       | 36.00       | 22680  | 36.00  | 5400        |
|          | Kaith    | nal   | Chhot              | 0.60       | 28.00       | 17640  | 25.00  | 5000        |
|          | Tentu    | 141   | Rajaund            | 1.60       | 75.00       | 47250  | 70.00  | 14000       |
|          |          |       | Mohna              | 1.80       | 90.00       | 55800  | 90.00  | 13500       |
|          |          |       | Kharak Pandwan     | 2.60       | 120.00      | 75600  | 100.00 | 18900       |
|          |          |       | Harigarh Kingan    | 2.40       | 115.00      | 71300  | 80.00  | 14400       |
|          |          |       | Barot              | 2.80       | 150.00      | 94500  | 150.00 | 22500       |
|          |          |       | Barot              | 8.40       | 400.00      | 252000 | 300.00 | 45000       |
|          | Roht     | ak    | Bhalot             | 0.80       | 30.00       | 18900  | 30.00  | 3.750       |
|          | (COIII   | Ra I  | Bhalot             | 0.60       | 25.00       | 15750  | 25.00  | 3125        |
|          |          |       | Kheri Sampla       | 0.60       | 20.00       | 12600  | 20.00  | 2500        |
|          |          |       | Kheri Sampla       | 1.00       | 30.00       | 18900  | 30.00  | 3750        |
|          |          |       | Lakhan Majra       | 1.70       | 60.00       | 37800  | 60.00  | 7500        |
|          |          |       | Madina Gindran     | 1.30       | 50.00       | 31500  | 50.00  | 7500        |
|          |          |       | Bhali Anandpur     | 1.60       | 50.00       | 31500  | 50.00  | 6250        |
|          |          |       | Lakhan Majra       | 1.20       | 40.00       | 25200  | 40.00  | 5000        |
|          | Jhajj    |       | Dhandhlan          | 1.00       | 40.00       | 25200  | 50.00  | 7500        |
|          | 2.1114]) |       | Dhàndhlan          | 1.32       | 40.00       | 25200  | 50.00  | 7500        |
|          |          |       | Matanhel           | 1.20       | 40.00       | 25200  | 40.00  | 8000        |
|          |          |       | Salhawas           | 1.20       | 40.00       | 25200  | 40.00  | 8000        |
|          |          |       | Salhawas           | 1.20       | 40.00       | 25200  | 40.00  | 8000        |
|          |          |       | Hasanpur           | 2.00       | 80.00       | 50400  | 80.00  | 12000       |
|          |          |       | Hasanpur           | 2.80       | 100.00      | 63000  | 100.00 | 15000       |
|          |          |       | Dulhera            | 3.20       | 120.00      | 75600  | 120.00 | 12000       |
|          | Soni     | nat   | Ridhau             | 0.40       | 16.00       | 10080  | 16.00  | 1600        |
|          | L. C.    | I. C. | Kheri Dhamkan      | 0.90       | 37.00       | 23310  | 37.00  | 3700        |
|          |          |       | Mudlana            | 1,40       | 62.00       | 39060  | 62.00  | 6200        |
|          |          |       | Rohat              | 1.60       | 64.00       | 39680  | 65.00  | 6500        |
|          |          |       | Bhigan             | 1.40       | 56.00       | 35280  | 56.00  | 5600        |
|          |          |       | Rai                | 2.20       | 88.00       | 55440  | 88.00  | 8300        |
|          |          |       | Mohana             | 2.60       | 120.00      | 75600  | 120.00 | 12000       |
|          |          |       | Chitana            | 3.48       | 139.00      | 87570  | 140.00 | 14000       |
|          |          |       | Gudha              | 3.80       | 150.00      | 94500  | 150.00 | 15000       |

|        | Barley |   | Barl      | ev (Bhusa)     | -             | Gram   |       | Gram (Bhusa) |       |  |
|--------|--------|---|-----------|----------------|---------------|--------|-------|--------------|-------|--|
| Area   | Yield  | Value                                   | Yield     | Value          | Area          | Yield  | Value | Yield        | Value |  |
| Hects) | (Qtls) | (Rs.)                                   | (Otls)    | (Rs.)          | (Hects)       | (Qtis) | (Rs.) | (Qtls)       | (Rs.) |  |
| 911    | 10     | 11                                      | 12        | 13             | 14            | 15     | 16    | 17           | 18    |  |
| 0.5    |        | 9                                       | -         |                | -             |        | -     |              |       |  |
|        |        | DAME:                                   |           |                |               | -      | -     |              | -     |  |
| 23     | 127    | X 2                                     | 700       | 127            | 2             | 3.0    | -     | -            | 20    |  |
| - 2    | 2.33   |   | 200       | 2              | 4             |        | 1.0   | -            | 4     |  |
| 23     | 9      |   | TEN .     | DOME, OF       | 0.40          | 6.00   | 9600  | 4.00         | 400   |  |
| 2.5    | 2      | 200                                     | 12        |                |               | 2000   |       |              | 480   |  |
|        |        | THE .                                   |           |                | Os. II        | 120    | (2)   |              |       |  |
|        |        | 111111111111111111111111111111111111111 |           |                |               | 7.2    | 121   |              | 900   |  |
| - 2    |        |   |           |                | 4             | 100    | 1.0   |              | 7.00  |  |
|        |        | 0.12                                    | (B. 115   |                | 0.00          | 927    | 721   |              |       |  |
|        |        | Tr (e)                                  |           |                |               |        | 122   |              |       |  |
|        |        | MIS                                     |           | DIMPS          | 5             |        | 1.2   |              |       |  |
| - 8    |        | Dist                                    | ann y     | committee of   | 1             | 7.5    | 12    |              |       |  |
| - 8    | - 0    | DUT S                                   | 0.46      |                | - 0           |        | 12    |              | -     |  |
| - 8    | - 8    | U.X.                                    | Charles S |                | 8             |        |       |              |       |  |
|        |        | 11.                                     | 115.11    |                |               |        |       |              |       |  |
|        |        | mag                                     | E.H.      |                |               | 150    |       |              |       |  |
| - 5    |        | DO D                                    | 19 III.   |                |               | 1724   |       |              |       |  |
|        |        |   | USA 3(II) |                |               | 196    |       |              |       |  |
| - 3    |        |   | mon.      |                | ė.            |        |       |              |       |  |
| . 1    | -      | - 5                                     | -         |                |               |        | 1.5   |              |       |  |
| 1      | - 1    | -                                       |           |                | - 5           |        | _     |              |       |  |
|        | 1 3    |   | -         | DEST 5 DOLL    | SUL Y         |        |       |              |       |  |
|        |        |   |           | TOR 5 140 8    |               |        | -     |              |       |  |
|        | 7      | 00.5                                    | att 10.8  | *              |               |        |       |              |       |  |
| - 5    | 3      | 100                                     | The least |                |               |        | -     |              | 350   |  |
| *      | - 2    | -                                       | 1.5       | HINGS: DOLL    | Starl         |        |       |              | -     |  |
|        |        |   |           |                |               |        |       |              |       |  |
| - 3    | - 5    | DOS.                                    | DC 1185   |                | - 8           | 1      |       |              | 9     |  |
| -      | - 5    | - 7                                     |           |                | - 5           |        |       |              |       |  |
|        |        |   |           |                |               |        |       |              |       |  |
| -      |        | 8                                       |           |                |               |        |       |              | 400   |  |
| -      |        | - 7                                     | 1.5       |                | 0.30          | 5.00   | 8000  | 5.00         | 1300  |  |
| 7      | 7      |   | 177.1     | DOUR . DITE    | 0.40          | 5.00   | OULU  |              |       |  |
| -      |        |   | 370       | 10000277 100 3 | Takes<br>Skin | 100    | 1 25  |              | 500   |  |
| 2      | 1,7    | - 5                                     |           |                | e Store       | 37.8   |       |              | 500   |  |
| -      | .0     | 7                                       |           | D 45 900       | 100           | 1.5    | 1.5   | 100          | - 1   |  |
| **     |        | 19                                      | 1.5       |                |               | 1.7    | -     | 279          | -     |  |
| *      | 18     | 17                                      |           |                | 1             |        |       | 12           | -     |  |
| 7.5    |        |   | . (*)     | *              | 7             | 1.51   |       |              | -     |  |
| 5:     |        |   |           |                | - 7           |        | -     |              | -     |  |
| **     |        | ೆ                                       |           | 1000 TOU.S     |               | 173    | -     |              |       |  |
| *      |        | -2                                      | 11112     | -              | -             |        |       | -            |       |  |
| 1.00   | 115    | *                                       |           |                | -             |        |       |              | -     |  |
| 0.00   | -51    |   | Allow *   |                | -             |        | 3.5   |              | -     |  |
| -      |        | BCO*                                    | 06 10 10  | 350            | -             | 7.60   | 0.5   | 100          | +     |  |
|        |        |   |           |                |               |        |       |              |       |  |

| Talk (III all III) |        |        |        |         |         |        |   | 11,    |        |        |           |  |
|--------------------|--------|--------|--------|---------|---------|--------|---|--------|--------|--------|-----------|--|
| 115                | Pulses | 5655   | Pulses | (Bhusa) | L. III  | Oilse  |   | Green  | Fodder | Ot     | her crops |  |
| Area               | Yield  | Value  | Yield  | Value   | Area    | Yield  | Value                                   | Area   | Value  | Area   | Value     |  |
| Hects)             | (Otls) | (Rs.)  | (Qtls) | (Rs.)   | (Hects) | (Qtls) | (Rs.)                                   | (Hect) | (Qtls) | (Hect) | (Rs.)     |  |
| 19                 | 20     | 21     | 22     | 23      | 24      | 25     | 26                                      | 27     | 28     | 29     | - 30      |  |
| -                  | -      | -      | -      | -       |         | -      |   | 0.10   | 2000   | -      | 2         |  |
|                    |        | 4.6    |        |         |         | -      |   | 0.20   | 5000   |        | 20        |  |
| 0.20               |        | 1500   |        | 0.54    | 0.40    | 3.00   | 3600                                    | 0.20   | 4000   |        | 20        |  |
|                    |        | *      |        |         |         |        |   | 0.20   | 8000   | 1.6    | -         |  |
|                    |        |        |        |         | 0.40    | 4.00   | 6600                                    | -      |        | 1.5    |           |  |
| 40                 | -      |        |        |         | 1.00    | 6.00   | 10800                                   | 0.20   | 4500   |        | -         |  |
|                    |        |        |        |         | 4       |        |   |        |        | 100    | -         |  |
|                    |        |        |        |         | 0.60    | -      |   | 0.20   | 4000   |        | 1         |  |
| -                  | -      | - 2    |        |         | 3       | -      |   | 0.50   | 8000   | 100    | -         |  |
|                    |        |        |        |         | 1.60    | 14.00  | 19600                                   | 0.20   | 4000   | 2.5    | -         |  |
|                    |        |        |        |         | 0.40    | 2.00   | 3200                                    | 0.10   | 3000   |        |           |  |
|                    |        |        |        | - 5     |         | -      | *************************************** | 0.20   | 3000   |        |           |  |
|                    | 1,50   | - 2    | - 2    |         |         |        |   | 0.20   | 3000   |        |           |  |
|                    | 157    |        |        |         |         |        |   | 0.20   | 3000   |        |           |  |
|                    |        | - 2    | - 5    |         |         |        |   | 0.20   | 3000   | 1.2    | -         |  |
|                    |        | 2      | - 7    | -       |         |        | . 9                                     | 0.40   | 6000   | 100    |           |  |
|                    |        | 7      |        | - 5     |         |        |   | 0.40   | 6000   | 91     |           |  |
|                    |        | 5      | 50     |         | 100     |        |   |        | 6000   |        |           |  |
| 5.5                | -      | -      | 7      | 7.      | - 2     |        |   | 0.40   | 0000   |        | -         |  |
|                    |        |        | 5      |         |         |        |   |        |        |        |           |  |
|                    | 1.5    |        | 7.     |         |         |        |   |        |        |        | -         |  |
|                    |        |        | 7.1    | 0.7     | 0.40    | 4.00   | 7200                                    |        | -      |        |           |  |
| 1                  | 161    |        | ***    | - 7     | 0.40    | 5.00   | 9000                                    |        | +      | 7,     |           |  |
| 157                |        | 22     |        | - 7     | -       |        | *                                       | 0.10   | 2000   | 21     | -         |  |
| 1.2                | -      | -      |        | -       |         | -      | -                                       | 0.10   | 2000   | 20     | -         |  |
| -                  |        |        | -      |         | 0.40    | 4.00   | 6800                                    |        |        | 27     | -         |  |
|                    | 5.1    |        |        |         | 35      |        | -                                       | 0.20   | 3000   | = 23   | - 5       |  |
| -                  |        |        |        |         |         |        | -                                       | 0.12   | 3600   | 20     | -         |  |
|                    |        |        |        |         |         |        |   |        |        |        |           |  |
| 1735               |        |        | WEST   | W.D.    |         |        | -                                       | 100    | 100    | - 2    | 12        |  |
|                    |        | alis j | 11111  | 100     | 0.40    | 4.00   | 8000                                    |        | 1.77   |        |           |  |
|                    |        |        |        |         | 0.40    | 6.00   | 12000                                   |        |        |        |           |  |
|                    |        |        |        |         | 0.80    |        | 20000                                   |        | -      | -      |           |  |
|                    |        | 3      |        |         | 0.80    | 12.00  | 24000                                   | -      | -      | 5      | - 1       |  |
|                    |        |        |        |         |         |        |   |        |        |        |           |  |
| -                  |        |        | - 6    | (2)     | 5.5     | 1.0    | - 3                                     |        | . 100  | 20     |           |  |
| -                  | *      |        |        | - 27    | 3.5     |        | - 5                                     | 1.5    | -      | - 7    |           |  |
|                    | *      |        | ×.     | 14      |         |        |   |        |        | *      | - 0       |  |
|                    | -      | ~      | *      |         | 0.40    | 6.00   | 9000                                    | 14.74  | 220    | - 11   | - 2       |  |
|                    | -      | -      | *      | 31      |         |        | *                                       | 0.10   | 3750   | V24110 |           |  |
|                    | +:     | 14     | -      | 19      |         |        | *                                       |        |        | 0.60   | 24500     |  |
|                    | -      |        |        | -       |         | -      |   | 0.40   | 17500  | 0.40   | 32000     |  |
|                    | -      | 14     | - 2    | -       | 100     |        |   | 0.20   | 7500   | \$1    |           |  |
|                    |        |        |        |         | -       |        |   |        |        |        |           |  |
|                    | -      |        | -      | -       | (16)    |        |   | -      |        | -      |           |  |
|                    |        |        |        |         |         |        | *                                       | 0.10   | 3000   | 0.40   | 12000     |  |

| Zone    | District   | Holdings      |         | Wheat            |        | Wh     | eat (Bhusa) . |
|---------|------------|---------------|---------|------------------|--------|--------|---------------|
|         |            |               | Area    | Yield            | Value  | Yield  | Value         |
|         |            |               | (Hects) | (Qtls)           | (Rs.)  | (Qtls) | (Rs.)         |
| 1       | - 2        | 3             | 4       | 5                | 6      | 7      | 8             |
| Vestern | Bhiwani    | Hetam Pura    | -       | -                | -      | -      | -             |
|         |            | Gignow        | 0.40    | 13.00            | 8190   | 25.00  | 3125          |
|         |            | Chandeni      | 0.80    | 28.00            | 17640  | 28.00  | 2800          |
|         |            | Gignow        | 0.80    | 26.00            | 16380  | 26.00  | 3100          |
|         |            | Jattu Lohari  | 2.00    | 80.00            | 50400  | 80.00  | 8800          |
|         |            | Jattu Lohari  | 2.00    | 80.00            | 50400  | 80.00  | 8800          |
|         |            | Chang         | 2.00    | 58.00            | 36540  | 58.00  | 5800          |
|         |            | Hetam Pura    |         |                  | -      |        | 2000          |
|         |            | Loharwara     | 1.60    | 56:00            | 35280  | 56.00  | 7300          |
|         |            | Loharwara     | 2.00    | 75.00            | 47250  | 75.00  | 7500          |
|         |            | Chang         | 3.20    | 95.00            | 59850  | 95.00  | 9500          |
|         |            | Chandeni      | 1.60    | 60.00            | 37800  | 60.00  | 6500          |
|         |            | Bhariwas      | 1.60    | 56.00            | 35280  | 56.00  | 7000          |
|         |            | Sagwan        | 1.60    | 36.00            | 22680  | 36.00  | 3500          |
|         |            | Sagwan        | 1.20    | 33.00            | 20790  | 33.00  | 3300          |
|         |            | Dhani Hunat   | 1.20    | 30.00            | 18900  | 30.00  | 3100          |
|         | Hisar      | Litani        | 0.90    | 32.00            | 20160  | 35.00  | 4375          |
|         |            | Majra         | 1.60    | 84.00            | 53254  | 60.00  | 7500          |
|         |            | Data          | 1.20    | 40.00            | 25200  | 45.00  | 5625          |
|         |            | Arya Nagar    | 1.20    | 40.00            | 25200  | 40.00  | 5000          |
|         |            | Behabalpur    | 1.50    | 30.00            | 18900  | 30.00  | 3750          |
|         |            | Bhatol Jattan | 1.40    | 40.00            | 25200  | 40.00  | 5000          |
|         |            | Pabra         | 1.80    | 60.00            | 37800  | 60.00  | 7500          |
|         |            | Sarsod        | 0.80    | 32.00            | 20160  | 32.00  | 4000          |
|         |            | Dhiranwas     | 1.00    | 30,00            | 18900  | 35.00  | 5250          |
|         |            | Harikot       | 2.40    | 64.00            | 38400  | 64.00  | 8000          |
|         |            | Narnaund      | 4.40    | 128.00           | 80640  | 130.00 | 16250         |
|         |            | Agroha        | 4.00    | 130.00           | 81900  | 150.00 | 18750         |
|         |            | Balawas       | Trans.  |                  | 01500  | 22000  | 10750         |
|         |            | Kavrale       | 6.40    | 160.00           | 100800 | 180.00 | 22500         |
|         |            | Moda Khera    | 8.00    | 320.00           | 201600 | 350.00 |               |
|         | Fatchabad  | Kanheri       | 0.80    | 36.00            | 22680  |        | 43750         |
|         | 1 attitudu | Nahla         | 2.80    |                  |        | 36.00  | 3600          |
|         |            | Matana        | 5.20    | 120.00<br>156.00 | 75600  | 120.00 | 15000         |
|         |            | Aharwan       |         |                  | 98280  | 156.00 | 19500         |
|         |            | Bhattu Kalan  | 4.40    | 176.00           | 110880 | 176.00 | 17600         |
|         | Sirsa      |               | 2.40    | 72.00            | 45360  | 72.00  | 9100          |
|         | 31152      | Abholi        | 0.80    | 40.00            | 25200  | 40.00  | 4000          |
| 33      |            | Bhawdin       | 1.60    | 60.00            | 37800  | 60.00  | 6000          |
| -       |            | Malekan       | 2.00    | 110.00           | 63000  | 100.00 | 10000         |
|         |            | Panihari      | 2.80    | 112.00           | 69440  | 100.00 | 10000         |
|         |            | Nejia Kera    | 1.60    | 78.00            | 49140  | 78.00  | 7800          |
|         |            | Banwala -     | 1.60    | 65.00            | 40300  | 60.00  | 6000          |
|         |            | Odhan         | 3.60    | 108.00           | 66960  | 100.00 | 10000         |
|         |            | Sahuwala      | 3.50    | 126.00           | 78120  | 126.00 | 12000         |

|         | Barley                                  | No. 1    | Barley (E | Bhusa)  |         | Gram   | and the same | Gram   | (Bhusa) |       |
|---------|---|----------|-----------|---------|---------|--------|--------------|--------|---------|-------|
| Area    | Yield                                   | Value    | Yield Y   | Value   | Area    | Yield  | Value        | Yield  | Value   |       |
| (Hects) | (Otls)                                  | (Rs.)    | (Qtls) (  | Rs.)    | (Hects) | (Qtls) | (Rs.)        | (Qtls) | (Rs.)   |       |
| 9       | -10                                     | 11       | 12        | 13      | 14      | 15     | 16           | 17     | 18      |       |
| -       | -                                       |          | -         |         |         |        | off East     | -      | HALL S  | and a |
|         |   |          |           |         |         |        |              |        |         |       |
|         | III Co                                  | 1113:25  | (50.00)   | 51112   | 13871   |        |              |        |         |       |
|         | Hiller                                  | (10) 255 | [54/7A]   |         | 552     |        | w 200        |        |         |       |
|         | officare.                               | Tilhesia | 15811417  |         | 0.40    | 2.00   | 3400         | 2.00   | 300     |       |
|         | OTFICE                                  | 0.000    | 15(1)(1)  |         | 185     |        |              |        |         |       |
|         | 11/2/2                                  | 1145     | 150 361   | -11137  | 133     |        | 51.2         |        |         |       |
|         |   |          | -         | -       |         |        | - 123        | -      |         |       |
|         |   | (81*12   |           |         | 1.5     |        |              |        |         |       |
|         | DE:                                     | (E)      | W/ CT     | 500 87  | 983     |        | 1.0          |        |         |       |
|         | 301 De                                  | 185557   | 150.00    | 711 20  | 1951    |        | 11077        | -      |         |       |
|         | 11.56                                   | D(3.5)   |           | *2011/0 | 1.5     |        | 100          | - 2    |         |       |
|         |   |          |           |         |         |        |              |        |         |       |
|         | 0.54                                    | 0040     |           |         | 198     | 55     | Sec. Sec.    |        |         |       |
|         | 111111111111111111111111111111111111111 | 0.53     | MILE      |         | 150     | - 6    |              | -      |         |       |
|         | Office                                  | 112.00   | *         |         | 15-11   |        |              |        | -       |       |
|         | 1.124                                   | 0.645    | 3111      |         | 15.1    |        | Dist.        |        |         |       |
| -       | 01175                                   | X        | 2.00      | * D     | 0.40    | 2.00   | 3200         | 2.00   | 350     |       |
|         |   |          |           |         |         |        |              |        |         |       |
| 0.0     | 00000                                   | 1100     | 1103      |         | 125     |        | W 37         |        | -       |       |
| - 2     | 11545                                   | 0.0996   | 5.00      |         |         |        | 110          |        | -       |       |
|         | 0.00                                    | (10%)    | 8.68      |         |         |        | OL MARK      | 5.5    | -       |       |
|         |   |          |           |         |         |        |              |        |         |       |
|         | 10115-0                                 | (re-     | * 1       |         |         |        | 100          |        | 100     |       |
| 19      | UDa                                     | 1300     | 8 1-1     |         |         |        | 1.3          |        |         |       |
| 19      | 10113-3                                 | 166      | (E112)    |         |         |        | 118          | -      |         |       |
| 2.4     | RIST                                    | 00550    | E.V.      |         |         | -      |              |        |         |       |
|         | 12.18                                   | LIGHT.   | - 17      |         |         | - 20   | No.          | - 25   | -       |       |
| 0.30    | -                                       |          | -         |         |         |        | 3.0          | 7 19   | 12      |       |
| 0.40    | 3.00                                    | 1500     | 2.00      | 200     | 1.0     | -      | -1-1         | 1.0    |         |       |
| -       | (PITE)                                  | JOSE 1   |           | ±3000   | 5.5     | 200    | 11.00        | - 25   | 1.0     |       |
| 0.40    | 6.00                                    | 2850     |           | 600     | 100     |        | 1 2          | 57     | 100     |       |
| 0.00    | 00124                                   | 1888     |           | eville  |         |        | 11871        |        |         |       |
| 1.0     | 0.00                                    | 1640     | (6) (5)   |         | 0.10    | 1.00   | 1620         | 1.00   | 150     |       |
|         | mone.                                   |          |           | 90135   |         | -      | 1            | 66     | 180     |       |
| 13      | 01.99                                   | 0.000    | *         |         | 0.50    |        | O 11 154     | 58     | 190     |       |
| 9       | douses                                  | 10630    | 8102      |         | DEAL.   | (2)    | 10.00        | (±     | 11.55   |       |
| 19      | Kules                                   | 1000     | 51/47     |         | 100     | 9      |              | 196    | 5.7     |       |
|         | 11124                                   | 77(43)   | ame       |         | *       | 100    | A. (1897)    |        | 27      | 45    |
|         | 1115                                    | · Dell   | EULDO     |         |         |        | 3831         | -      | 0.0     |       |
| -20     | 11174                                   | 110+30   | 8104      |         |         |        | 3.30         |        | - (4    |       |
|         | KOUSE                                   | 65836    | 8000      |         | -       |        |              | - 19   | 59      |       |
| -       | 2007                                    | 00-30    | 8         |         |         |        |              | - 1    |         |       |
| -       | 1000                                    | UE-SEL   | -         |         |         | -      | 407.00       | (+     | -       |       |
| - 51    | -                                       | -        | -         |         |         |        |              |        | -       |       |
| 4.1     |   | -        |           | -       | 0.40    | 2.00   | 2800         | 2.00   | 300     |       |
| -       | 1                                       | 1.6      |           | -       |         |        | -            |        | -       |       |
|         |   |          |           |         | -       |        |              |        |         |       |

| P      | ulses        |           |        | (Bhusa) | Jeg.    | Oilseeds |        | Green        | Fodder | Ot     | her crops |
|--------|--------------|-----------|--------|---------|---------|----------|--------|--------------|--------|--------|-----------|
| Area   | Yield        | Value     | Yield  | Value   | Area    | Yield    | Value  | Area         | Value  | Area   | Value     |
| Hects) | (QUs)        | (Rs.)     | (Qtls) | (Rs.)   | (Hects) | (Qtls)   | (Rs.)  | (Hects)      | (Qtls) | Hects) | (Rs.)     |
| 19     | 20           | 21        | 22     | 23      | 24      | 25       | 26     | 27           | 28     | 29     | 30        |
|        |              | 100       |        |         | 11.5    |          | - 111  |              |        |        | - 7       |
| 1.00   | 110          | 40.00     | - 1    |         | 00,000  |          | -      | 111119       | -      |        |           |
|        | 00           | With      |        | 111     | 1.20    | 13.00    | 20800  | de en el     |        | 200    | -         |
|        | 011          |           | -      |         | 0.80    | 10.00    | 19000  |              |        |        |           |
| 00     |              |           |        | 10.0    | 0.40    | 7.00     | 13475  |              | - 1    |        |           |
|        |              | 10.0      |        |         | 113(1,- | 114      |        |              |        |        |           |
|        |              |           |        |         | ALC: U  | 11.0     |        |              |        |        | -         |
|        | 0.0          |           |        | 100     |         | 01-      |        |              |        | 4.7    |           |
|        |              |           |        |         |         |          | 20     | 11.0         | - 1    |        |           |
|        |              |           |        |         | 0.80    | 12.00    | 22800  |              |        |        |           |
|        |              | 00,00     |        | 4       | 1.20    | 20.00    | 38000  | and the same |        |        |           |
|        |              |           |        | W.      | 01.11   | 2000     |        | ne fores     |        |        |           |
|        | : III I I Ü  | 11.0      |        | 11 (    | 1.60    | 20.00    | 38000  |              |        |        |           |
| -      | more C       |           |        |         | 2.40    | 30.00    | 57000  |              |        |        |           |
|        | 117          | 100       |        |         | 3.20    | 40.00    | 76000  |              |        |        |           |
| -      |              | 1         |        |         | 3.20    | 40.00    | 76000  | 7-75 4       |        |        |           |
|        |              | 11.       |        |         | 1.20    | 11.00    | 20350  |              |        |        |           |
|        |              |           |        |         | Alado   | 11.00    | 200220 | 0.20         | 1500   |        |           |
| -      |              |           |        |         | 0.      |          |        | 0.10         | 2000   |        |           |
|        | 1111         |           |        |         | 100     |          |        | 0.40         | 7800   |        |           |
|        | DOC C        | 1000      |        |         | 1.20    | 12.00    | 20400  | 0.20         | 1000   |        |           |
| -      | Delta        | 11.00     |        | (40)    | 0.60    | 8.00     | 12800  | 0.25         | 5000   | 1.95   | 05050     |
|        |              | 100       | - 1    | 1112    | 2.00    | 20.00    | 34000  | 0.20         | 2500   | 1,90   | 85250     |
| -      | THE STATE OF |           |        | 4 14    | 0.80    | 8.00     | 9280   | 0.40         | 10000  |        |           |
|        |              |           | 0.0    |         | 1.60    | 18.00    | 33300  | 0.40         | 1300   |        |           |
| -      |              |           |        |         | 0.60    | 4.00     | 6000   | 0.40         | 1000   | 0.60   | 6000      |
|        | 10.0         |           |        |         | 0.80    | 9.00     | 13230  | 0.50         | 500    | 0.50   |           |
| -      |              |           |        |         | 1.20    | 14.00    | 25060  | 0.80         | 13000  |        | 16200     |
| -      | a linke      | 0.00      |        |         | 1.60    | 32.00    | 48000  | 0.40         | 1500   | 0.40   | 4000      |
| -      | LOO.         | Val. (4.) |        |         | 9.00    | 36.00    | 68400  | 0.40         | 1300   | 0.40   | 4000      |
|        |              |           |        |         | 1.60    | 20.00    | 29000  | 0.20         | 1500   |        | 1000      |
| -      |              | 03.03     | 1.0    |         | 3.20    | 50.00    | 82500  | 0.20         | 1500   | 0.10   | 1000      |
|        |              | W         | 12.0   |         | 3.20    | 30,00    | 02300  | 0.20         | 1500   |        |           |
|        |              |           |        |         | 0.40    | 5.00     |        |              | 4000   |        | -         |
| -      | 2.0          |           |        |         |         | 3.00     | 9000   |              | 10000  | ~      |           |
|        |              |           | 57     | 1000    |         |          | 340    | 0.20         | 4500   | 1.00   | 20000     |
| 2.5    |              |           | -      |         | 2.20    | 10 00    | 24200  | 0.60         | 1200   | 1.80   | 20000     |
| 24     |              | -         | -      |         | 2.20    | 18.00    | 34200  | 0.20         | 4000   | -      |           |
| 20     |              |           |        |         |         |          | -      | 0.25         | 2400   |        |           |
| 50     |              | -         |        |         |         |          | -      | 0.40         | 6400   |        |           |
| ***    |              | -         | -      | -       |         |          | -      | 0.30         | 6200   |        | -         |
| 25     |              | 2         | 4      | -       | 14      | -        | 14     | 0.40         | 8500   | 2      |           |
| +      | 1 =          | <u>_</u>  | 54     |         | -       |          | -      | 0.20         | 3600   |        |           |
| -      |              | <u>~</u>  | 12     | 100     | 3.60    | 35.00    | 57500  | 0.20         | 1500   | - 2    | 0         |
| + 1    |              | 2         | 1.2    | 3.6     | 3.20    | 40.00    | 68000  | 0.40         | 4500   | - 3    |           |
| -      | 100          |           |        |         | 1.60    | 11.00    | 18700  | 0.80         | 6000   | - 5    | - 3       |

| Zone     | District |        | Holdings  |       | des Dil | Wheat  | -1100  | Whe    | at (Bhusa) . |  |
|----------|----------|--------|-----------|-------|---------|--------|--------|--------|--------------|--|
|          |          |        |           |       | Area    | Yield  | Value  | Yield  | Value        |  |
|          |          |        |           |       | (Hects) | (Qtls) | (Rs.)  | (Qtls) | (Rs.)        |  |
| 1        | 2        |        | 3         |       | 4       | .5     | 6      | 7      | - 8          |  |
| Southern | Faridaba | ıd     | Likhi     |       | 1.20    | 48.00  | 30240  | 48,00  | 6000         |  |
|          |          |        | Parthala  |       | 1.40    | 60.00  | 37800  | 60.00  | 6000         |  |
|          |          |        | Parthala  |       | 1.00    | 40,00  | 25200  | 40,00  | 4000         |  |
|          |          |        | Bhupgarh  |       | 2.20    | 80.00  | 49600  | 80.00  | 8000         |  |
|          |          |        | Nacholi   |       | 3.60    | 100.00 | 63000  | 100.00 | 12500        |  |
|          |          |        | Nacholi   |       | 3.40    | 108.00 | 68040  | 108.00 | 13500        |  |
|          |          |        | Likhi     |       | 2.76    | 112.00 | 70560  | 112.00 | 14000        |  |
|          |          |        | Mandkola  |       | 4.80    | 140.00 | 88200  | 100.00 | 11000        |  |
|          |          |        | Sikari    |       | 3.20    | 150.00 | 94500  | 150.00 | 15000        |  |
|          |          |        | Sikari    |       | 5,60    | 250,00 | 157500 | 250.00 | 25000        |  |
|          | Gurgaor  | χ.     | Bonda Kal | lan   | 2.00    | 80.00  | 49600  | 80.00  | 16000        |  |
|          |          |        | Jamalpur  |       | 0.64    | 16.00  | 9920   | 16.00  | 2000         |  |
|          |          |        | Nasirwas  |       | 3.20    | 86.00  | 53320  | 86.00  | 10750        |  |
|          |          |        | Padeni    |       | 0.20    | 8.00   | 5040   | 8.00   | 1500         |  |
|          |          |        | Bhondsi   |       | 0.60    | 22.00  | 13860  | 20.00  | 2000         |  |
|          |          |        | Khentawas | S (B) | 0.80    | 32.00  | 20160  | 24.00  | 4800         |  |
|          |          |        | Wazir Pur |       | 3.60    | 100.00 | 62000  | 100.00 | 20000        |  |
|          |          |        | Bichhor   |       | 2.00    | 80.00  | 50400  | 80.00  | 8000         |  |
|          | Mahend   | ergarh | Uninda    |       | 0.60    | 25.00  | 15750  | 25.00  | 2500         |  |
|          |          | CONT   | Sehlang   |       | 0.30    | 5.00   | 3150   | 5.00   | 500          |  |
|          |          |        | Kanina    |       | 1.40    | 52.00  | 43800  | 25.00  | 2500         |  |
|          |          |        | Riwasa    |       | 0.60    | 25.00  | 15750  | 25.00  | 2500         |  |
|          |          |        | Shaharpur |       | 0.40    | 16,00  | 10080  | 16.00  | 1500         |  |
|          |          |        | Nangal Nu |       | 1.20    | 40.00  | 25200  | 40.00  | 6400         |  |
|          |          |        |           |       | 3.20    | 75.00  | 47250  | 100.00 | 10000        |  |
|          | Rewari   |        | Suthana   |       | 0.60    | 20.00  | 12600  | 20.00  | 3500         |  |
|          |          |        | Manethi   |       | 0.40    | 20.00  | 12000  | 20.00  | 3000         |  |
|          |          |        | Palhawas  |       | 0.60    | 7.00   | 4550   | 6.00   | 900          |  |
|          |          |        | Palhawas  |       | 0.40    | 20.00  | 12600  | 20.00  | 2500         |  |
|          |          |        | Manethi   |       | 0.80    | 30.00  | 19500  | 40.00  | 4000         |  |
|          |          |        | Maheshwa  | ri    | 11.35   | DOLL H | E 8    |        |              |  |
|          |          |        | Nahar     |       | 0.40    | 17.00  | 10710  | 18.00  | 4140         |  |
|          |          |        | Suthana   |       | 0.80    | 20.00  | 12600  | 20.00  | 2000         |  |

0.20 4500 0.20 4

|         | Barley |        | Barlo     | ey (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     | 11,000 | 12        | 13          | 001 | 14        | 15     | 16    | 17     | 18        |
| 1451    | 18     | -      | CO *      | 10%         | 7   | THE PARTY | 7 1000 | TEUDI | 1.67   |           |
|         | -      |        |           | 174         |     |           | 10     |       | ille.  |           |
|         | 100    | - 2    |           | 00000 * 00  |     |           |        | 7.    | 10.00  |           |
| 1.5     |        | 10.50  | 100.0     |             |     | 40.7      | 1.0    | -     | 4      | *         |
| 0.20    | 6.00   | 3120   | 4.00      | 400         |     | 15.1      |        |       | - 4    |           |
| 0.40    | 12.00  | 6240   | 10.00     | 1000        |     |           | 5+     | -     | -      | 3         |
|         |        |        | 02.0      | -           |     |           | -      |       | -      |           |
| 4.5     | -      |        | D() =4    |             |     |           |        |       | -      | -         |
| 4.      | -      | -      |           |             |     | 2.20      | 15.00  | 22500 |        | 4000      |
| CHARLE  |        |        | 0.0       |             |     | 0.80      | 3.00   | 3900  | 3.00   | 300       |
|         |        | 1-7-   | 75.0      | ~           |     |           | 1.0    | - 33  | 11:95  |           |
| 0.040.0 | 0.00   | -      | 1111111   |             |     |           |        | - 3   |        | *         |
| 25      |        | -      |           |             |     |           |        |       |        | *         |
|         |        | 0.56   | (Tad) 141 | many was    |     |           |        |       |        |           |
|         |        | 100    | 4         | LICEDI CO   |     | 1         | -      | -     |        | 25        |
| 0.80    | 24.00  | 10800  | 20.00     | 2000        |     | 135.31    | -      | 9     |        |           |
| 1.60    | 48.00  | 24000  | 40.00     | 4000        |     | 101       |        |       |        | 98        |
|         |        | -      |           |             |     |           |        |       |        | (+        |
|         |        | +      | 4.5       | 1001 00     |     |           |        | 0.0   |        | *         |
| 23      |        | -      |           |             |     |           |        | -     |        | · ·       |
| 20      | -      | -      |           | TEA IN      |     |           |        | - 3   |        | 19        |
| 23      |        |        | -         |             |     |           |        | -     |        | 18        |
| 23      | -      |        | 14        |             |     |           | -41    |       |        | 18        |
| . 2     | 2      | 141    | -         |             |     | - []      | 4      | - 64  |        | 38        |
| 43      | -      |        | 50        | - 4         |     | 1110      |        | - 54  |        | B 28 1    |
| 23      | - 2    | - 4    | 97        |             |     | -         | 140    | -     |        | 54        |
|         | -      | -      | 547       | 0):=[ [([]  |     | 1         |        | 22    |        |           |
| 2.5     |        | -      | 37        | 001-1, 00   |     | U.        |        | -     | -      | *         |
| 2       | - 4    | - 9    | . 47      | 0006T J.I.M |     | (SLA      |        | -     | -      | 24        |
| 2       | 0      | 2      |           | MODUL THE   |     | 15        |        | 1.0   |        | 19        |
|         | _      | 2      |           | 00 22730    |     | 2.0       |        | 1.0   | -      | -         |
| 2       | -      | - 2    | -         | F.80/E 00   |     | -         |        |       |        | E#        |
| 0.40    | 8.00   | 4000   | 8.00      | 640         |     | 3.20      | 13.00  | 21540 | 13.00  | 1300 -    |

| 1               | Pulses          | (100)          | Pulse           | es (Bhusa)     | Edwall           | Oilseeds        | in-            | Green           | Fodder          |                  | Crops. |
|-----------------|-----------------|----------------|-----------------|----------------|------------------|-----------------|----------------|-----------------|-----------------|------------------|--------|
| Area<br>(Hects) | Yield<br>(O:ls) | Value<br>(Rs.) | Yield<br>(Qtls) | Value<br>(Rs.) | A rea<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) | Area<br>(Hects) | Value<br>(Qtls) | Area<br>( Hects) | (Rs.)  |
| 19              | 20              | 21             | 22              | 23             | 24               | 25              | 26             | 27              | 28              | 29               | 30     |
|                 | ****            |                | +               |                | -                | -               |                | -               |                 |                  |        |
|                 |                 | 1.05           | -               |                | 1.00             | 15.00           | 21900          | 100             |                 |                  | **     |
|                 | - 0             | 1.4            |                 | 1000           | 1.20             | 20.00           | 32000          | 0.20            | 2000            |                  | *      |
| -               |                 | 7.00           |                 |                | - 1700           | -               |                | 0.10            | 2500            | 100              | -      |
|                 |                 |                |                 |                |                  |                 | DODI           | 0.20            | 3500            | 100-2            |        |
|                 |                 |                |                 |                |                  | -               | 10             | 0.20            | 3500            | 2.0              |        |
| 7.0             | TO/NO.          |                | THE T           | Deces          | 1.40             | 16.00           | 20800          | 0.20            | 5000            |                  |        |
| **              | 1               | 10.00          | ORE             | 1,71.0         | 00.0             |                 | 77777          | - 17///         |                 |                  | +      |
| 0.40            | 1.00            | 1800           | 10000           | 177.1          | 08.0             | 1.2             | 7.5            | 0.20            | 1000            | 0.60             | 6000   |
| 0.90            | 1.000           | 1000           | 100             |                |                  | 12              |                | 0.20            | 2000            | -                |        |
| **              |                 | 1.77           |                 |                |                  |                 |                | 1777            | -               | 1.20             | 34000  |
| *               |                 | 3/             |                 |                | 0.40             | 3.00            | 5100           | 1               | -               |                  |        |
| *               |                 |                | 1000            |                | 0.60             | 6.00            | 10200          | 0.20            | 3000            | 0.60             | 15000  |
| *               | 1.5             | 1 1 2          | 1,500           |                | 0.40             | 4.00            | 5600           |                 |                 |                  | -      |
|                 |                 |                | 1,500           | -              | 0.40             | 4.00            | 6400           | 00.00           | 70.0            | 10.5             | -      |
|                 |                 |                |                 | - 5            | 0.70             | 4.00            | III O Second   | OHITE           |                 | 0.80             | 21000  |
|                 | 17              | 10.00          |                 | - 5            | 0.80             | 12.00           | 18000          |                 |                 | 1.60             | 50000  |
|                 |                 |                |                 | - 5            | 6.00             | 75.00           | 90000          |                 | 1               |                  | 24     |
|                 |                 |                |                 | -              | 0.40             | 5.00            | 8500           |                 |                 |                  |        |
| *               |                 |                | **              |                | 1.30             | 13.00           | 22100          |                 | 1               |                  |        |
| - 3             |                 | - 5            |                 |                | 1.60             | 14.00           | 26600          | -               |                 |                  |        |
| -               | 1.5             |                |                 |                | 5.15             | 35.00           | 66500          |                 | 1.0             |                  |        |
|                 |                 |                | 7.0             |                | 1.30             | 16.00           | 28000          |                 |                 |                  |        |
| *               |                 | ***            |                 | - 10           | 2.80             | 45.00           | 76500          |                 |                 |                  | 1.0    |
| -               |                 | **             | 70              |                | 2.00             | 14.00           | 24500          |                 | 72              | 200              | 2.00   |
| -               |                 | -              | 3               |                | 0.20             | 2.00            | 3400           |                 | -               |                  |        |
|                 |                 | *              | . 3             |                | 0.80             | 10.00           | 16000          |                 |                 |                  | 1.0    |
| -               |                 | 32             |                 |                |                  | 6.00            | 10200          |                 |                 |                  |        |
| - 2             |                 | 8              | + 1             |                | 0.60             | 16.00           | 27200          |                 |                 |                  |        |
| 1.7             |                 | 10.5           |                 | 11.5           | 1.20             |                 | 19800          |                 |                 | 12               |        |
| 100             |                 | 1.5            |                 | 1.75           | 0.80             | 12.00           |                |                 |                 |                  |        |
| - 13            | V 1555          | (30.81         | 0478            | 10751          | 3.20             | 17.00           | 28900          | Mark I          | OUL             | 6/1              | 11.0   |
| 1.5             | -               | -              |                 |                | 3.20             | 35.00           | 59500          |                 | -               |                  |        |
|                 |                 | -              | 100             | 3.2            |                  | +               | -              |                 | -               |                  | -      |

APPENDIX - III-B

Cropped area, Yield and Value of crops sown on Unirrigated land (Rabi) 2002-03

| Zone     | District      | Holdings       |                 | Wheat           | - 41           | Whea            | (Bhusa)        |
|----------|---------------|----------------|-----------------|-----------------|----------------|-----------------|----------------|
|          |               |                | Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) | Yield<br>(Qtls) | Value<br>(Rs.) |
| 1        | 2             | 3              | 4               | 5               | 6              | 7               | 8              |
| Northern | Ambala        | Sullar         |                 |                 |                |                 |                |
|          |               | Patvi          | 1.20            | 30.00           | 18900          | 30.00           | 3750           |
|          | Panchkula     | Morni          | 1.21            | 20.00           | 13000          | 20.00           | 3000           |
|          | Kurukshetra   | Thaska Miranji | 0.70            | 26.00           | 16380          | 26.00           | 2600           |
| Contral  | Rohtak        | Madina         |                 |                 | *              | -               |                |
|          | Sonipat       | Kheri Dhamkan  | 0.30            | 10.00           | 6300           | 10.00           | 1000           |
|          | *             | Mudlana        | 0.40            | 8.00            | 5040           | 8.00            | 800            |
|          |               | Mohana         | 60              |                 |                |                 |                |
|          |               | Gudha          |                 |                 |                |                 | *              |
| Western  | Bhiwani       | Hetam Pura     |                 |                 |                |                 |                |
|          |               | Hetam Pura     | +1              | ×               | -              |                 |                |
|          |               | Dhani Hunat    | -               | -               | -              |                 | -              |
|          | Hisar         | Agroha         | 0.40            | 10.00           | 6300           | 10.00           | 1800           |
| Southern | Gurgaon       | Malab          | #               |                 | *              | 30              | *              |
|          |               | Kheri Nuh      | +9              | 12              | -              | 1.0             | +:             |
|          | Mahendaragarh | Napla          | +               | -               |                |                 | 7              |
|          | 7.            | Godh           | 0.40            | 15.00           | 10400          | 16.00           | 3200           |
|          |               | Satnali        | +               | - 2             | 143            | -               | *              |
|          |               | Nangal Nunia   | -               | - 4             | -              | -               |                |

| Gram (Bhusa) |                |                 | n              | Gran            | -               | Bhusa) | Barley          |                | Barley       |                 |  |
|--------------|----------------|-----------------|----------------|-----------------|-----------------|--------|-----------------|----------------|--------------|-----------------|--|
|              | Value<br>(Rs.) | Yield<br>(Qtls) | Value<br>(Rs.) | Yield<br>(Qtls) | Area<br>(Hects) | Value  | Yield<br>(Otls) | Value<br>(Rs.) | Yield (Qtls) | Area<br>(Hects) |  |
|              | 18             | 17              | 16             | 15              | 14              | 13     | 12              | 11             | 10           | 9               |  |
|              |                | 4               |                |                 | -               | 1.17   | 1+1/            | HINGS.         |              | 20111           |  |
|              |                |                 | 120            | *               | (mail           | (day)  | -               | 1597           | 1.2          | 27.9            |  |
|              |                |                 |                | -               |                 | -      |                 | 1941           | -            | 27              |  |
|              |                | -               | -              | -               |                 |        |                 |                |              |                 |  |
|              |                | 100             | 1411112        |                 | -               |        |                 |                | 1.0          | 20.0            |  |
|              | -              |                 | 10/8/2         | 1.00            |                 | 20.00  | TUNKL           | W1,170         |              |                 |  |
|              |                | -               | Jero IX        |                 |                 | HOXE   | HOLL            | 11             |              |                 |  |
|              |                |                 | CHARL          | Hiter, M.       | mr. (i          | DOM    | 12 (5)          | 11.170         |              |                 |  |
|              |                | -               |                |                 | -               | 12     |                 |                |              | - 8             |  |
|              | 2500           | 20.00           | 34000          | 20.00           | 1.60            | 54     |                 | 1.0            |              | ŝ               |  |
|              | 7.5            |                 |                |                 |                 | 0.01   | 10.75           | 11/15          |              | 2.0             |  |
|              | - 5            | -               |                |                 |                 |        |                 | 17.15          | -            |                 |  |
|              | 3              | 7.5             |                |                 |                 |        |                 | -:             | -            |                 |  |
|              | - 5            | 55              |                | *               | 5.0             | 4      |                 | -              | -            |                 |  |
|              | -              | 70              |                | *               |                 |        |                 | 41             | 100          |                 |  |
|              | -              | -               |                | 4.0             | 2.00            | -      | -               | 47             | 727          | - 3             |  |
|              | -              | -               | (*)            | 100             | -               |        | - 2             |                | 100          |                 |  |
|              |                | -               |                |                 |                 |        | 2.0             |                | 7.0          | - 8             |  |
|              | 1700           | 9.00            | 12600          | 9.00            | 2.40            |        |                 | - 5            | 253          |                 |  |

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Acres 1

| Pulses          |                 | Pulses (Bhusa) |                 |                | Oilsee          | ds              | Gree           | n Fodder        | Other           | Other crops     |                |
|-----------------|-----------------|----------------|-----------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|----------------|
| Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) | Yield<br>(Qtls) | Value<br>(Rs.) | Area<br>(Hects) | Yield<br>(Qtls) | Value<br>(Rs.) | Area<br>(Hects) | Value<br>(Qtls) | Area<br>(Hects) | Value<br>(Rs.) |
| 19              | 20              | 21             | 22              | 23             | 24              | 25              | 26             | 27              | 28              | 29              | 30             |
|                 | -               |                |                 |                | -               | -               |                |                 |                 | -               | -              |
| 0.40            | 4.00            | 6000           | i i             |                | -               |                 | - 2            | -               |                 |                 |                |
| -               |                 | -              | -               | 4              | -               |                 |                |                 |                 |                 | -              |
| -               |                 | ( *            |                 |                |                 | -               | - 9            |                 |                 |                 | -              |
| -               |                 | -              |                 |                |                 | -               | 9              | - 4             |                 |                 |                |
| *               |                 | -              | 14              | -              | 12              | 0.00            |                |                 | - 2             | +               | -              |
| -               |                 |                | -               |                |                 | -               | - 3            | -               | -               | -               |                |
| -               |                 | 20             | -               |                | 1.20            | 25.00           | 41250          | ().4()          | 12000           |                 | -              |
| -               |                 | -              | 32              | -              | -               |                 | - 2            | - 4             |                 |                 |                |
| -               | -               | 2              | 2               | - 2            | -               | 1.2             |                |                 | +               |                 | -              |
| -               | 4               |                | - 2             | -              | 1.60            | 20.00           | 38000          |                 | Ψ.              |                 |                |
| *:              | 40              |                | ~               |                | -               |                 |                |                 | 2               | -               |                |
| -               |                 |                | ~               | -              | 0.40            | 2.00            | 3400           |                 | -               | 1.7             |                |
| -               |                 |                |                 | . *            | 4.60            | 70.00           | 119000         |                 | -               |                 |                |
| -               | -               |                | 9               |                | 6.40            | 100.00          | 190000         |                 | Ψ.              |                 | -              |
| (4)             | +               | -              |                 | -              | -               |                 |                |                 |                 |                 |                |
| -               |                 | 2              | -               | -              | 4               | -               | - 2            |                 | 7.              | 1.5             |                |
| -               | 6)              | -              | -               |                | -               | -               |                |                 |                 | 0.76            |                |
|                 | -               | -              | -               |                |                 | -               |                | -               | 1.77            |                 |                |

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MO THE REAL PROPERTY.

