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THIRTYSECOND ROUND

(জুলার্ড 1977—জুর 1978) (JULY 1977— JUNE 1978)

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उत्तर पूर्वीय राज्यों में समाकलित परिवार सर्वेक्षण पर टिप्पणियों सहित तालिकाएँ
TABLES WITH NOTES ON INTEGRATED HOUSEHOLD
SURVEY IN NORTH EASTERN STATES

जुलाई 1987, JULY 1987

संियकी विभाग DEPARTMENT OF STATISTICS

> नई दिल्ली NEW DELHI

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THIRTYSECOND ROUND : JULY 1977 - JUNE 1978

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TABLES WITH NOTES ON INTEGRATED
HOUSEHOLD SURVEY IN NORTH-EASTERN
STATES

STATES: ARUNACHAL PRADESH, ASSAM,
MANIPUR AND MECHALAYA

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NATIONAL SAMPLE SURVEY ORGANISATION
THIRTYSECOND ROUND : JULY 1977 - JUNE 1978

TABLES WITH NOTES ON INTEGRATED HOUSEHOLD SURVEY IN NORTH-EASTERN STATES

STATES: ARUNACHAL PRADESH, ASSAM, MANIPUR AND MECHALAYA

SECTION ONE

INTRODUCTION

- 1.1 The National Sample Survey Organisation (NSSO) conducted some special enquiries specially suited to the needs of the North Eastern states during thirtyfirst (July 1976 June 1977), thirtysecond (July 1977 June 1978) and thirtythird (July 1978 June 1979), rounds along with regular all-India enquiries. One such special enquiry conducted in the rural areas of the North Eastern states during the thirtysecond round was to get an idea about some important socio-economic features of the households with emphasis on practice of jhum cultivation and other occupations followed by them.
- 1.2 The thirtysecond round of NSS was conducted during the period July 1977 to June 1978.

^{1/} During the period of survey, North Eastern Region was comprised of five states viz. Assam, Manipur, Meghalaya, Nagaland and Tripura and two Union Territories viz. Arunachal Pradesh and Mizoram.

- 1.3 The special enquiry was conducted in the rural areas of Arunachal Pradesh, Meghalaya, Tripura and in two hill districts (North Cachar and Karbi Anglong) of Assam and in five hill districts (East, West, North, South and Tengnoupal) of Manipur. The states and union territories also participated in the survey on an equal matching basis by conducting the survey in a sample of equal size in the respective states and union ferritories.
- 1.4 The basic design for the survey was a two-stage stratified one with villages as first-stage units and households as second-stage units. Clusters of villages around some nucleus villages in each stratum were surveyed to reduce the difficulties of journey from one sample village to another in the hill areas of the states. Nucleus villages were sekected circular systematically with equal probability in each stratum. A few villages around a nucleus village were grouped to form cluster of villages at the Field Headquarters following some prescribed procedure. Households were selected circular systematically from the sample villages.
- Integrated Household Survey, from the sample households of the selected villages in rural areas of the states. The information collected in the schedule included among others some general particulars regarding the sample household, nousehold land possessed, engagement of households in jhum and permanent cultivation, availability of agricultural input items for cultivation, labour time spent in different agricultural operations, yield and value of crops produced, mode of disposal of crops produced, some detailed particulars about jhum cultivation, demographic particulars of usual members of household, value of output received from different enterpreneumerial activities and income earned by the household from different sources.

- 1.6 The data for the central sample were collected by Field Operations Division of NSSO in case of Assam (hill districts) and Meghalaya. In Arunachal Pradesh, Tripura and Manipur (hill districts), the data were collected by the respective State Statistical Bureaux.
- 1.7 The number of sample villages and sample households actually surveyed for the detailed enquiry in each state are as follows.

| 7874 | north-eastern state | number of sample | | |
|------|--------------------------|---------------------------|------------|--|
| | north-eastern state | villages | households | |
| | | | (3) | |
| 1. | Arunachal Pradesh | ₃₂₉ <u>3</u> / | 1714 | |
| .2. | Assam (hill districts) | 48 | 360 | |
| 3. | Menipur (hill districts) | 63 | 384 | |
| 4. | Meghalaya | 158 | 877 | |
| | | | | |

1.8 Fifteen tables have been presented in Appendix II of the Report based on the information collected in schedule 16.4. These tables present distribution of households by household industry group/occupation group/land possessed group separately for scheduled caste, scheduled tribe and other households; percentage of households participated in different types of cultivation (jhum and permanent) and average size of land possessed per household by household group; availability of

^{2/} As the filled-in schedules relating to Tripura state were not made available to NSSO, this report excludes that state.

^{3/} Central and state samples combined.

agricultural inputs for households; labour time spent in different agricultural operations; average yield of crop per household; mode of disposal of crops produced; average number of jhum plots per household for households practising jhum cultivation; average value of output received from various entreprenarial activities pursued by the household and average income of the household derived from different sources.

1.9 All tables have been presented by state and relate to information collected for the central sample only except for Arunachal Pradesh for which central and state samples pooled estimates have been given. Section II gives concepts and definitions used in the survey. In Section III some important findings of the survey have been presented. A note on sample design and estimation procedure is given in Appendix I. Appendix II gives the detail statistical tables and Appendix III the facsimile of schedule of investigation.

SECTION TWO

CONCEPTS AND DEFINITIONS

- 2.1 Some of the important concepts and definitions followed in the survey are noted below.
- 2.2 House: Every structure, tent, shelter etc. is a house irrespective of its use.
- 2.3 Household: A household is a group of persons normally living together and taking food from a common kitchen.
- 2.4 Household land possessed: The total land possessed by the household is the land owned plus the land leased in minus the land leased out by the household.
- 2.5 Jhum cultivation: Jhum cultivation which is also commonly termed as shifting cultivation is practised on the hill slopes. In this method of cultivation, a hill slope is cleared of its natural vegetation by cutting and the material so collected is dried and burnt. The ashes so produced are used as manure. Seeds are broadcast or sometimes sown. This method of cultivation is widely practised mostly by the tribal people in the hilly areas of the North Eastern states.
- 2.6 Permanent cultivation: Permanent cultivation means the usual method of cultivation followed by the cultivators in other parts. In this method of cultivation the same area of land is cultivated year after year. In this survey plantation is included under permanent cultivation.

SECTION THREE

SOME FINDINGS OF THE SURVEY

3.1 Some important findings of the survey based on detailed results given in Appendix II off the report have been presented in the succeeding paragraphs of this section.

3.2 Engagement in agricultural activities:

The Percentages of households engaged in agricultural activities to total number of households for the states under consideration have been presented below in Table (1). Engagement of households in agriculture, hunting, forestry; and fishing has been considered as agricultural activities. It can be seen that most of the households in these states are engaged in agricultural activities and it is 96 percent for Assam (hill districts), 95 for Manipur (hill districts), 94 for Arumachal Pradesh and 92 for Meghalaya.

Table (1): Percentage of households engaged in agricultural activities to total number of households by state Rural, July '77 - June '78_7

| north-eastern state | number of sample households | percentage of households engaged in agricultural activities |
|---|-----------------------------------|---|
| | (2) | (<u>a</u>) |
| Arunachal Pradesh Assam (hill districta) | 1714 | 93.86 |
| Monday (1412 districts) | 360 | 95.84 |
| Manipur (hill districts) | 384 | 94.79 |
| Meghal aya | 877 | 92.48. |

Narayan/

Householde oxforting occupation as cultivators (overess) and cultivators (tements) have been considered as enjoyed in cultivation

3.3 Engagement in cultivation: The percent ges of households having nultivation as their occupation to tatal number of households for the states have been given below in Table (2). It is observed that 93 percent of the households engaged in cultivation in Manipur (hill districts), 91 percent in Arunachal Pradesh, 87 percent in Assam (hill districts) and 76 percent in Meghalaya.

Table (2): Percentage of households engaged in cultivation to tatal number of households by state / Rural, July '77 - June '78

| | north-eastern state | number of sample households | percentage of households engaged in cultivation |
|------------------------------|--|-----------------------------------|--|
| | (1) | (2) | (3) |
| 1。 2。 3 。 4。 | Arunachal Pradesh Assam (nill districts) Manipur (hill disticts) Meghāaya | 1714 360 384 877 | 90.61 87.20 92.71 76.41 |

Household Tandpossessed: The percentages of households to total number of households by household land possessed for the four states have been shown below in Table (3). It can be seen that the total area of landpossessed by the household (including the landunder jhum cultivation) is 2 hectares or less for majority of the households. It is /in case of 88 persent of households in Manipur (hill districts), 74 percent for Assam (hill districts), 71 percent for Meghalaya and 50 percent for Arumachal Pradesh.

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Table (3): Peresntage of households to total number of households by household land possessed and by state / Rural, July 177 - June 178

| no rth- éastern state: | | percentage of households by size class of land possessed (hectates 0.00) | | | | number of sam- plæ |
|--------------------------------------|--|--|----------------------------------|---------------------------------|----------------------------|---------------------------------------|
| | m od oe⊹ | upto 1.00 | 1.01 to 2.00 | 2:01 4:80 | 4.01 nd & ve above 1 | 1011 1 1111 |
| الجنوب | (1) | .(2) | (3) | (4) | (5) (6) | (₹) |
| 1. 2. 3. 4. | Arunachal Pradesh Assam (hill districts) Manipur (hill districts) Meghalaya | 20.71 13.61 41.40 33.87 | 29,29 60,28 46,88 37,06 | 24.56 23.33 9.90 26.00 | 0.52 13 | 18 1714 17 360 10 394 13 877 |

3.5 Engagement of households in jhum and permanent cultivation :

The percentages of households doing jhum and permanent cultivation to total number of households for the states have been given in Table (4) below. There are categories of households wiz.

(a) households doing jhum cultivation only, (b) households doing permanent cultivation only and (c) households doing both jhum and permanent cultivation. It is observed that the percentages of households doing jhum cultivation is more than those of permanent cultivation in case of Arumachal Pradesh and Manipur (hill districts). In Arumachal Pradesh 68 percent of the households engaged in jhum cultivation where as for Manipur (hill districts) it is52 percent. The Percentages of households engaged in permanent cultivation for Assam (hill districts) and Manipur are 79 and 63 respectively.

Table (4): Percentage of households doing jhum and permanent cultivation to total number of households by state Rural, July '77 - June '78

| north-castem | percentage by type of | of households cultivation | number of | |
|--------------------------|-----------------------|---------------------------|--------------------------|--|
| 8 ರಚ ರಚನ | jhum | permanent | sample house holds | |
| (1) | (2) | (3) | (4) | |
| Arunachal Pradesh | 68.36 | 44.84 | 1714 | |
| ABSEM (hill districts) | 57.5 0 | 78.89 | 360 | |
| Menipur (hill districts) | 5 2.3 2 | 33.32 | 384 | |
| Meghalaya. | .61, 12 | 63.07 | 877 | |

Average size of land possessed, etc.: The average size of land per household under permanent cultivation and average size of land per household under jermanent cultivation for the states have been shown below in Table (5). The average size of land possessed per household is highest in Arunachal Pradesh with 2.84 hactares and lowest in Meghalaya with 1.48 hectares. It is 1.99 hectares for Manipur (hill districts) and 1.61 hectares for Assam (hill districts). The average size of land per household under permanent cultivation is 1.01 hectares in Manipur (hill districts), 0.93 hectares in Assam (hill districts), 0.65 hectares in Meghalaya and 0.60 hectares in Arunachal Pradesh. The average size of land per household under jhum cultivation comes out as 0.97 hectares in Arunachal Pradesh, 0.92 hectares in Manipur (hill districts), 0.60 hectares in Meghalaya and 0.447 hectares in Assam (hill districts), districts).

Table (5): Average size of land possessed per household, average size of land per household under permanent cultivation, and average size of land per household under jhum cultivation by state / Rural, July '77 - June '78/

| | north-eastern state | average size of land possess- ed per house- hold (hectares 0.00) | average size of land per household urder perma- nent culti- vation (hectares 0.00) | average size of land pe househo under ; cultive (hectar 0.00) | r num- r ber old of hum sem- tion blo |
|----------------------|---|--|--|--|---|
| | (1) | (2) | (3) | (4) | (c) |
| 1. 2. 3. 4. | Arunachal Pradesh Assam (hill districte) Manipur (hill districts Meghalaya | 2,84 1,61) 1,99 1,48 | 0.60 0.93 1.01 0.65 | 0.97 0.47 0.92 0.60 | 1714 360 38 4 877 |

3.7 Availability of irrigation facilities

The percentages of households reporting channel and spring as source of irrigation to total number of households having irrigation facilities by type of cultivation for the states have been presented below in Table (6). It can be seen that in case of permanent cultivation, channel and spring together cover the irrigation needs for 100 percent of the households in Assam (hill districts), 93 percent in Arunachal Pradesh, 65 percent in Meghalaya and 56 percent in Manipur (hill districts).

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Table (6): Percentage of households reporting channel and spring as source of irrigation to total number of households having irrigation facilities by type of cultivation and by state / Rural, July'77~June '78_/

| north-eastern state | by two | tage off he off cult of irrig | ivation | | number of sample | |
|------------------------|----------|----------------------------------|---------|---------------|------------------------|--|
| | jh | um | perm | anent | - house- holds | |
| | channel | spring c | hannel | spring | | |
| | (2) | (3) | (4) | (5) | (6) | |
| 1. Arungohal Pradesh | 46.31 | 43.75 | 54.47 | 3 8,83 | 1714 | |
| 2. Asæm (hill distric | cts) - | 100.00 | 88.54 | 11.46 | 36 9 | |
| 3. Manipur(hill distri | lets) - | - | 43.01 | 12.90 | <i>3</i> 84 | |
| 4. Meghalaya | + | - | 37.87 | 27.18 | 877 | |

3.8 Engagement of household labour in agricultural operation :

The percentages off total man-days of labour put in by the household in agricultural operation by type of labour input (household and hired) for the states have been shown below in Table (7). It is observed that in all the states under consideration agricultural operations are being done by engaging mostly household labour. The consideration of household labour to total labour input is 97 percent in Arunachal Pradesh, 92 percent in Manipur (hill districts), 85 percent in Meghalaya and 81 percent in Assem (hill districts).

Table (7): Percentage of total man-days of work by type of labour input and by state / Rural, July '77-june '78_//

| narth_eastern state | percentage man-days of type of lab | number ci | |
|----------------------------|--|--------------|-----------------|
| · | household | hired | house- holds |
| (1) | (2) | (3) | (4) |
| Arunachal Pradesh | 97.35 | 2,65 | 1714 |
| Assam (hill districts) | .80,90 | 19,10 | 3 60 |
| . Manipur (hill districts) | 92.48 | 7.52 | 3 84 |
| . Meghalaya | 85.24 | 14.76 | 877 |

yield of Paddy: The average yield of paddy per reporting household and number of reporting households by type of cultivation for the states have been given below in Table (8). It isobserved that majority of the households reported cultivation of paddy. The average yield of paddy per reporting household under jhum cultivation comes out as 2058 kg. in Manipur (hill districts), 1435 kg. in Assam (hill districts), 811 kg. in Arunachal Pradesh and 591 kg. in Meghalaya. In case of permanent oultivation, the average yield of paddy per reporting household is 2910 kg. in Assam (hill districts), 1893 kg. in Manipur (hill districts), 1533 kg. in Meghalaya and 937 kg. in Arunachal Pradesh.

Narayan/

Table (8): Average yield of paddy per reporting household and number of reporting households by type of cultivation and by state / Rural, July '77 - July '78 /

| north⇒eastern state | | The state of the s | n permanent vattion | |
|-----------------------------|---|--|--|-----------------------------------|
| | average yield per re- porting h.h. (kg.0.00) | no. off repor- ting house- holds | average yield per/re- porting h.h. (kg.0.00) | no. off reporting household |
| (1) | (5) | (3) | (4) | (5) |
| Arunachal Pradesh | 810,92 | 1014 | 936.97 | 550 |
| 2. Assam(hill districts) | 1434.85 | 151 | 2910.33 | 259 |
| 3. Manipur (hill districts) | 2057,58 | 233 | 1893, 13 | 157 |
| 4. Megh al aya | 591.48 | 448 | 1532.98 | \$ 55 |

percentages of households practising jhum cultivation by number of plots cultivated for the four states have been presented below in Table (9). It is observed that majority off the households in all the states except Arunachal Pradesh cultivate one plot only under jhum cultivation. The percentage of households cultivating one phot only under jhum cultivation is 81 in Manipur (hill districts), 74 in Maghalaya, 58 in Assam (hill districts) and 16 in Arunachal Pradesh.

Table (9): Percentage of households practising jhum cultivation by number of plots multivated and by state | Rural, July '77 - June '78_/

| north-eastern state | percer age of households by number of plots cultivated | | | | | |
|-----------------------------|--|-------|---------------|----------|--|--|
| | 1 | Ź | 3 4 | 5& ahove | | |
| | (2) | (3) | (4) (5) | (5) | | |
| 1. Arunachal Pradesh | 16, 47 | 49.15 | 21.24 8.96 | 4.18 | | |
| 2. Assam (hill districts) | 58,22 | 24,88 | 15.96 0.94 | - | | |
| 3. Manipur (hill districts) | 81,06 | 15.61 | 2.33 1.00 | | | |
| 4. Meghalaya | 74, 12 | 20.13 | 5.75 - | - | | |

The average annual value of output (in k.) per household by type of entrepreneurial activity for the states is given below in Table (10). The annual average value of output per household from all entrepreneurial activities is k.3 thousand in Meghalaya of which 97 percent comes from agriculture, R.2.8 thousand in Assam (hill districts), Rs. 2.5 thousand in Arunachal Pradesh and Rs. 2.2 thousand in Manipur (hill districts) of which 98, 98 and 97 percent respectively comes from agriculture.

Table (10): Average value of output (in R.) per household by type of entrepreneurial activity and by state / Rural, July '77 - June '78/

| north-eastern state | | average value of output (in R.) per household by type of activity | | | number of sample | |
|------------------------|--------------------------|---|------------------|-------|------------------|--|
| | _ | agriculture | others | total | house- holds | |
| | | (2) | (3) | (4) | (5) | |
| 1 | Arunachal Pradesh | 2484 | 59 | 2543 | 1714 | |
| 2. | Assam (hill districts) | 2719 | 54 | 2773 | 36 0, | |
| 3. | Manipur (hill districts) | 2105 | 62 | 2167 | 384 | |
| 4. | Meghal aya | 28 6 9 | 98 ^{''} | 2967 | 877 | |
| | | | | | | |

3.12 Income earned from various sources :

The average ar usi income (in R.) earned per household by source of income for the states has been shown below in Table (11). It can be observed that agriculture is the main source of income of the households in all the states. The average annual income carned per household is R. 3.4 thousand in Meghanaya of which 72 percent comes from agriculture, Rs. 2.8 thousand in Assem (hill districts), Rs. 2.6 thousand in Arunachai Pradesh and Rs. 2.2 thousand in Manipur (hill districts) off which 90, 90 and 88 percent respectively comes from agriculture.

Table (11): Average income (in k.) carned per bousehold by source of income and by state / Rural, July '77 - June '78_7

| north-eastern state | average 1 corned pa by source | number of sample | | |
|-----------------------------|-------------------------------------|------------------------|------|-----------------|
| | •gri sul turs | others | | house- holds |
| | (2) | (3) | (4) | (5) |
| 1. Arunachel Pradesh | 2340 | 273 | 2613 | 1714: |
| 2. Assem (hill districts) | 2543 | 268 | 2811 | 36 0 |
| 3. Manipur (hill districts) | 1966 | 2 66 | 2232 | 384 |
| 4. Meghalaya | 2476 | 968 | 3444 | 877 |

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APPENDIX - I

SAMPLE DESIGN AND ESTIMATION PROCEDURE

- 1. Basic design: The survey was conducted in the rural sector of the North Eastern states. The sample design was stratified with two stage selection within each stratum. The first and second stage units were villages and households respectively.
- 2. Stratification: Each state/union territory was divided into a few agro-economic regions by grouping contiguous districts of similar agricultural profile. Strata for sampling were formed within regions. Each district with less than 1.5 million rural population (1971 census) formed a basic stratum by itself except in Arunachal Pradesh where some districts with less than above population were divided into two or more basic strata by grouping contiguous tehsils having similar crop pattern and density of rural population. Districts having more than 1.5 million rural population were divided into a number of basic strata (depending upon the population of each district) by following the same procedure.
- 3. Allocation: The total sample size of villages for a state was fixed on the basis of number of investigators available in the state and the norm of work-load per investigator. The total number of samples of a state was then allocated to its different strata in proportion to their population content.
 - 4. Sample size: The sample sizes in terms of clusters of villages for the states covered are shown in the table below.

| north-eastern state | number of sample clusters |
|-----------------------------|---------------------------|
| | (2) |
| 1. Arunachal Pradesh | 36 |
| 2. Assam (hill districts) | 16 |
| 3. Manipur (hill districts) | 16 |
| 4. Meghalaya | 36 |
| | |

The state sample was of the same size.

- 5. Selection of villages: In order to reduce the difficulties in journey between villages situatated in the hilly areas of North-Eastern region some 'nucleus' villages were selected in each stratum for survey. Those nucleus villages were selected systematically with equal probability. A few villages around a nucleus village were grouped to form a cluster of villages at the Field Headquarters following some prescribed procedure. A cluster in general consisted of 4 villages including the nucleus village.
- 6. Selection of households: Under the cluster sampling scheme there was no sub-division of large villages and all the households in the sample village were listed. A total of 24 households was selected in each cluster and that number was equally distributed over the villages within a cluster. When the number of households in any village was found to be less than the number to be selected from it then the balance was made up by increasing the quota in other villages in the cluster. Households were selected circular systematically from the frame prepared in the village listing schedule.
- 7. Estimation procedure: The estimation procedure followed for schedule 16.4 (Integrated household survey) is noted below. In the following Y stands for the estimate of the state total for the characteristic y based on the whole sample and whole round.

$$\hat{Y} = \sum_{r=1}^{R} M_r \sum_{s=1}^{K_r} \sum_{i=1}^{m_{rs}} \sum_{j=1}^{h_{rsi}} Y_{rsij}$$

where $M_r = \frac{p_r}{p_r}$, P_r is the projected rural population of rth region and p_r is the number of sample persons in the rural area of that region (i.e., p_r is the sum of household sizes of all the surveyed households),

R is the number of regions in a state,

K is the number of strata in a region,

r is the subscript for rth region,

s is the subscript for sth stratum,

i is the subscript for ith village,

j is the subscript for jth household,

m is the number of surveyed villages

including de-populated and zero cases,

and h is the number of surveyed households.

8. Estimates of ratios: An estimate of a ratio of two characteristics is given by the ratio of the estimates of aggregates of the items appearing in the numerator and denominator of the ratio.

APPENDIX II

Detailed tables

List of tables

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| Meghalaya | 54 - 64 | |

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (1): Percentage distribution of households by household industry and household group

| | State : Arunachal Pradesh | no. | of samp | le village | s : 329 |
|----------------|---|-------------------------|---------------|------------|---------------|
| | • | | househol | | |
| | 1 ndustry | sche- duled caste | | others | - total |
| _ | | (2) | (3) | (4) | (5) |
| 1 | production of cereals and other pulse | s 63.33 | 97.56 | 53.00 | 92.6₹ |
| 2. | production of fibres, sugar cane, oil seeds, roots, vegetables, fruits, pan etc. | - | 79 | - | ÷ |
| 3. | plantations | _ | - | _ | *** |
| 4. | livestock production | èe | ,== | 1₊09 | C.12 |
| 5. | agricultural services | • | · · | · | <u> </u> |
| 6, | hunting, forestry and logging | _ | - | 10.38 | 1.11 |
| 7, | fishing | | - | - | *** |
| 8. | mining and quarrying | | - | C.55 | 0.06 |
| 9. | manufacturing | 5.56 | 0133 | 1.64 | 0.35 |
| 10, | electricity, gas and water supply | - | 0.07 | <u>55و</u> | 0.12 |
| 11. | construction | 11.11 | 0.40 | 12.02 | 1.75 |
| 12. | wholesale trade | - | _ | . 🛏 | _ ′ |
| 13. | retail trade and restaurants & hotels | | 0.26 | 1.64 | 0.41 |
| 14. | transport, storage & communication | ** | 0.20 | 2.19 | C.41 |
| | financing, insurance, real estate and business services public administration and defence | ₹. | ie | - | |
| * - • · | services | • | 0.79 | 6₊0↑ | 1.34 |
| 17. | educational, scientific and research services | | 0.26 | 2.19 | 0.447 |
| 18. | medical and health services | - | P *** | 4.37 | 0.47 |
| 19. | repair services | · •• • | - | | |
| 20. | other services | - | C. 13 | 1.64 | `0 .29 |
| 21. | activities not adequately defined | _ | 0 .2 0 | 2.73 | 0.47 |
| 22. | all industries | 100.00 | 100.00 | 100.00 | 100.00 |
| 23. | number of sample households | 18 - | 1513 | 183 | 1714 |

Table (2): Percentage distribution of households by household occupation and household group

| | occupation and household | 1 Elonb | | | |
|-------------|--|--|---------------------------------------|------------------|------------------|
| , | State : Arunachal Pradesh | no. of | şamp le | village | s i 32 |
| | | l | cusehol | | |
| | o c'c'up a tipn | sche- duled caste | sche-duled | | |
| | <u> </u> | (2) | (3) | (4) | (5 |
| 4. | physicians and surgeons | | 0.07 | 1.09 | C. 17 |
| 2. | | ्री चुन्द्राहरू | 0.07 | 2.19 | ි. 29 |
| 3. | teachers | - | ∴33 | 2.19 | 0.52 |
| 4. | other professional, technical & related workers | | O•13∘ | | 0.52 |
| | administrative, executive & managerial workers | - | ೧.07 | ़ 55 | 0.12 |
| S. | village officials | ! | = *. | - | - |
| 7. | clerical and related workers | 5.56 | 0 .2 0 | 6.01 | ୍ଦ୍ର ଓଡ଼ |
| 8. | merchants and shopkeepers, wholesale and retail trade | - | ି. 13 | 1.09 | ं. 23 |
| 9. | salesmen, shop assistants & related . with workers. | ALL COM | - | C .55 | ପ₊ପ୍ର |
| G. | money lenders and pawn brokers | • | ٠ | ÷ | - |
| 1. | other sales workers | - | 0.07 | 2 | o . 06 |
| 2. | barbers and launders | *** | | | ** |
| 3. . | other service workers | - | 0.40 | 3.2 8. | 0.70 |
| 4. | farm plantation, dairy and other | . 😝 | 7 | . = = | - |
| 5. | managers & supervisors cultivators (owners) | 77.77 | 96.55 | 42.61 | 90.61 |
| у. 6. | cultivators (tenents) | 11*11 | JU# J/ | 72101 | 20101 |
| 7. | agricultural labourers | | o.c7 | 5.46 | 64 |
| 8. | plantation labourers & related workers | | U.U. | 0.55 | 7,74 |
| 9. | other farm workers | | = 1 | ** | "- |
| 0. | forestry workers | - نين | _ | 2.19 | _ (° . 23 |
| 1. | other farmers hunters & related workers | `- | • | - | - |
| 2. | fishermen and related workers | - | _ | - ` | - |
| 3. | miners, quarrymen, well drillers and related workers | ************************************** | - | *** | eting |
| 4. | spinners, weavers, knitters & dyers | _ | - | ### **** | |
| 5. | bricklayers, plasterers, rubber insulators glaziers etc. | i, - | - | C.55 | 0.05 |
| 6. | hut builders & thatchers | . 📻 | - | <u>`-</u> | -4 |
| 7. | well diggers & other construction worker | rs - | | | |
| 8, | drivers of animals and vokities | 46 60 | ୁ . 13 | 20 60 | ୍ତ 12 ସ |
| 9: | | J16 . 67 | ೧.86 ೧.4% | 22.40 | 3.33 0.40 |
| 0, | not classified by occupation | - | ୍ . 13 | 5.46 | 0.12 |
| 1, | occupation code not recorded | | ୍. 79 | J. 40 | 1,20 |

<u> 190.99 (199.99 - 199.99 180.99</u>

<u> 183</u>

<u> 1513</u>

18

<u> 32.</u>

all occupations

number of sample households

National Sample Survey, 32nd Round, July 1977-June 1978

Table (5): Percentage distribution of households by nousehold land possessed (in hecteres 0.00) and household group

| | size class of | | household group | | | |
|------|-----------------------------------|--------------------|--------------------|--------|---------------|--|
| | iand possessed (heotares 0.00) | scheduled caste | schednied tribe | others | total | |
| | (1) | (2) | (3) | (4) | (5) | |
| 1. | 0200 | 5,56 | 0.86 | 9.84 | 1.87 | |
| 2. | 0.01 - 0.20 | - | 1.12 | 0.55 | 1.05 | |
| 3. | 0.21 - 0.40 | μ σ | 2.64 | - | 2.33 | |
| 4. | 0.41 - 1.00 | 5.56 | 16.92 | 4.37 | 15.46 | |
| 5• | 1.01 - 2.00 | 22,22 | 29 . 62 | 27.32 | 29. 29 | |
| 6. | 2.01 - 3.00 | 5.56 | 20.16 | 4 • 37 | 18.32 | |
| 7. | 3.01 - 4.00 | 5•56 | 1م.6 | 1.64 | 6.24 | |
| .8•. | 4.01 - 8.00 | 53 • 32 | 12.69 | 1.64 | 11.73 | |
| 9. | 8,01 & above | 5.56 | 7•53 | 1.09 | 6.8 | |
| 10. | not recorded | .16-66 | 1.65 | 49,18 | 6.88 | |
| ·· | totel | 100,00 | . 100,00 | 100,00 | 100,00 | |
| - | number of sample households | 18 | 151 3 | 183 | 17.14. | |

Table (4): Percentage of households doing jhum and permanent cultivation to total number of households by household group/

State: Arunachal Fradesh ... no. of Geomple Villages: 329

| household group | | oup sample | | percentage of households by type of cultivation | | |
|--------------------|-----------------|-----------------|-------|---|--|--|
| | | house- holds | jhum | permanent | | |
| | (1) | (2) | (5) | (4) | | |
| 1. | scheduled caste | 18 | 0.12 | 0.93 | | |
| 2. | scheduled tribe | 1513 | 68⊋18 | 39.59 | | |
| 3. | others | 165 | 0.06 | 4.32 | | |
| 4. | total | ,1714 | 68.36 | 44.84 | | |

Table (5): Average size of land possessed per household, average size of land per household under permanent cultivation; sverage size of land per household under jhum cultivation by household group/

State : Arunachal Pradesh

no. of sample villages: 329

| household group | nverage size of land:poss- essed per household (nectares -0.00) | average size of land per household under perma- nent culti- vation (hectares 0.00) | average size of land per household under jhum cultivation (hectares 0.00) | |
|--------------------|---|--|---|---|
| (1) | (2) | (3) | (4) | _ |
| 1. scheduled ca | sto 1.64 | 1.26 | <u>-</u> | |
| 2. scheduled tr | ibe 3.10 | 0.59 | 1.10 | |
| 3. others | 0.85 | 0.63 | 0.01 | |
| 4. total | 2.84 | 0.60 | 0.97 | |

National Sample Survey, 32nd Round, July 1977-June 1978

Table (6): Percentage distribution of households reporting availability of irrigation facilities by source of irrigation and type of cultivation.

State : Arunnchal Fradesh .

no. of sample villages : 329

| | source of irrigation | type, of cultivation | | |
|---------------|----------------------|----------------------|--------------|--|
| | | jhum | permanent | |
| , | (1) | (5) | (3) | |
| 1. | chamel | : 45 .31 | 54.47 | |
| 2. | spring | 4 3√7 5 | 38.83 | |
| 3. | tank | 9-38 | 328 6 | |
| 4. | well | | 0.20 | |
| 5. | tube-well | _ | 0.61 | |
| 6. | other sources | : 1956 | 2,03 | |
| 7: | all | 100.00 | 100.00 | |

Table (7): Percentage distribution of households by extent of use of improved seed and type of cultivation.

State : Agunachal Fradesh

no. of sample villages: 329

| | extent of use of improved | type of cultivation | | |
|------|---------------------------|---------------------|---------------|--|
| 5004 | jhu: | permanent | | |
| | 3.(1) | (2) | (3) | |
| 1. | entiro area | 1.02 | 9.90 | |
| 2. | half or more area | 0.69 | 1.95 | |
| 5. | loss than half area | J.85 | 1.43 | |
| 4. | not used | 97.44 | 86.7 2 | |
| 5. | total | 100.00 | 100.00 | |

Narayan/

National Sample Survey, 32nd Round, July 1977-June 1978

Table (8): Percentage distribution of households using green manure and cowdung by extent of use and type of cultivation.

State : Arunachal Pradesh

no. of sample villages: 329

| extent of use | type of cultivation | | | | | | |
|------------------------|---------------------|---------------------|-----------------|-------------|--|--|--|
| | : : ا | ng ang aliang time. | permanent | | | | |
| | green ranure | cow dung | green manure | cow dung | | | |
| | (2) | (3) | . (4) | | | | |
| 1. entire area | 1.45 | 1.62 | 22.01 | 21.09 | | | |
| 2. half or more area | 8.28 | .8.02 | 13.93 | 13.41 | | | |
| 3. less than half area | 0.09 | 0.09 | 0.39 | 6.25 | | | |
| 4. not used | 90.18 | 90.27 | 63.67 | 59.25 | | | |
| 5. total | 100,00 | 100.00 | 100.00 | 100.00 | | | |

Table (9): Percentage distribution of total man-days of work by type of labour input and type of operation.

State : Arunachai Pradesh

no. of sample villages: 329

| type of : | · t; | ype of oper | ration | | | | |
|--------------|-----------------------------|-------------|-----------|-----------------|----------|-------|--|
| input | pre- sewing operation | sewing | weeding | harves- ting | other | s all | |
| (1) | (2) | (3) | (4) | [5] | (6) | (7) | |
| 1. household | 96.60 | 97.06 | 98.39 | ୍ରେପ୍ଟେଖି | 93.43. | 97.35 | |
| 2. hired | 3.40 | 2.94 | . 1 - 6.1 | 3.10 | 6.57 | 2.65 | |
| 3. total | 1/00.00 | 100,00 | 100.00 | f60.00 | 100,00 1 | 00.00 | |

Nareyan/

- 27 - National Sample Survey, 32nd Round, July 1977-June 1978

Table (10) . Average yield of crop per household, per reporting household and number of reporting households by type of crop and type of cultivation.

State: Arunachal Pradesh

no.of sample villages :329

| | j, | num cultiva | tion | permanent cultivation | | | |
|-----------------------|-----------------|---|----------------------------|---|--------------|---------------------------------------|--|
| cr o p | crop per | average yield of crop per reporting (kg:0.00) | number of re- porting h.h. | average yield of crop per h.h.(kg. | yield o | inumber of re- port- ing hh. | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | |
| 1. paddy | 479.74 | 810 .92 | 1014 | 300.66 | 936.97 | 550 | |
| 2. wheat | 2.35 | 149.44 | 27 | 13.57 | 178.90 | 130 | |
| 3. maiže | 214 .41 | 349.34 | 1052 | 38.92 | 276.80 | 241 | |
| 4. other cereals | 246.80 | 461.80 | 916 | 92.70 | 693.83 | 229 | |
| 5. gram | _ | - | · - | 0.34 | 146.25 | 4 | |
| 6. moong | - | <u> </u> | - | _ | <u>-</u> | - | |
| 7. tur | - | - | | _ | _ | <u></u> | |
| 8. urd | 0.18 | 60.00 | 5 | | <u> </u> | ji ta. | |
| 9. other pulses | 3. 63 | 40.9 2 | 154 | 3.41 | 92.87 | 63 | |
| 10. rape seed | _ | ** | _ | <u>.</u> | - | | |
| 11. mustard | 0.71 | 174.28 | 7 | 14.79 | 338.02 | 75 | |
| 12. ground nut | _ · | · - | - | _ | · — | - | |
| 13. other bil seeds | 2.84 | 173.54 | 28 | 0.36 | 156,00 | 4 | |
| 14. potatoes | 22, 40 | 208,62 | 184 | 7.36 | 95.53 | 132 | |
| 15. other vegetable | s 55.7 0 | 246.05 | 388 | 9.83 | 111.60 | 15 1 | |
| 16. oranges | 0.01 | 16.00 | - 1 | _ | | - | |
| 17. pine apples | 0.19 | 106.67 | - 3 | ** | - | | |
| 18. other fruits | 0.16 | 39.29 | 7 | 0.01 | 20.00 | ï | |
| 19. ginger | 5.93 | 37.67 | 270 | 0.21. | 21.47 | .17 | |
| 20. chilli | 10.33 | 45.52 | 389 | 8.92 | 70.47 | 217 | |
| 21. turmeric | 0.06 | 6.86 | 14 | 0.21 | 40.89 | · 9 | |
| 22. sugar cane | · ++ | n 🛥 | - | - | - | - | |
| 23. jute | _ | - | _ | ** | | 7 🚣 | |
| 24. hemp | | | <u> </u> | | - - | . | |
| 25. mesta | _ | _ | - | 4 | - | - | |
| 26. cotton | <u> -</u> | e.c. | - | - | - ₩ | - - 5 | |
| 27. tobacco | 1.59 | 42.50 | 64 | 0.14" | 48.20 | 5 | |
| 28. tes | - | ents. | rs - | 0.08 | 6.22 | 23 | |
| .29₹ tapioca | 23.33 | 233.88 | 171 | 2.16 | 412.22 | 9 | |
| 30. sweet potato | 30.18 | 230, 94 | 224, | | | 28 25 | |
| 31. erum & other root | 72.14 .s | 276.63 | 447 | 9,78 | 670.80 | 25 | |
| 32, any other crop | 22.44 | <i>5</i> 49•72 | 110 | 0.15 | 126.00 | 2 | |

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (11): Percentage distribution of households reporting production of different crops under jhum cultivation by manner of disposal

| | | no. of | | manner of | disposal | | • |
|----------|-----------------------|-----------------------------------|-----------------|-------------------------|---------------|----------------|---------------|
| c | rop. | report- ing house- holds | for consumption | for sale . or barter | | others | to- tal |
| | (1) | (2) | (3) | (4) | (5) | (b) | (7) |
| 4. | 44. | 40.45 | 6 0 0 f | 2.40 | | | |
| 1. | paddy | 1014 | 99.90 | 0.10 | - | | 0 ,0 0 |
| 2. 3. | wheat maize | 27 | 100.00 | - | - | , , | OS CO |
| ۶. 4. | | 1052 | 100.00 | . | - | - 100 | |
| | other cereals | 916 | 100.00 | ** | •• | - 100 | J. UU |
| 5. 2 | gram | *** | - | - | _ | - | - |
| 6. | moong | _ | - | - | - | - | _ |
| 7. | tur | - | - | - | ~~ | 12th | |
| 8. | urd | 5 | 100.00 | = 44 | - | - 1 00 | |
| 9. | other pulses | 154 | 92.86 | 7.14 | | - 100 | o.cc |
| 10 . | rape seed | - | | - | - | ₹ | - |
| 11. | mustard | 7 | 42.86 | 57.14 | - | - 1 0 | C.00 |
| 12. | groundnut | - | <u>.</u> | - | · - _ | ÷ | iere |
| 13. | other oil seed | s 28 | 100.00 | - | - * | - 10 | O••O |
| 14. | potato | 184 | 100.00 | - | - | · - 1 0 | o*cò |
| 15. | other vegetable | es 388 | 99.74 | ം 26 | - | · - 1 0 | 0.00 |
| 16. | oranges | 4 | 100.00 | - | | - 1 0 | 0.00 |
| 17. | pinė apples | 3 | 65 . 67 | 33.33 | - | - 10 | o.da |
| 18. | other fruits | 7 | 100.00 | ÷ | - | <u>+ 10</u> | 0.00 |
| 19. | ginger | 27 0 | 95.19 | 4.81 | - | - 1 0° | 0.00 |
| 20. : | chilli | 3 89 | 93.83 | 5.17 | - | - 103 | 0,00 |
| 21. | turmeric | 14 | 100.00 | - | _ | <u>-</u> 10 | o e. |
| 22. | sugar cane | _ | - | == | | ##8 | _ |
| 23. | jute | _ | *** | _ | _ | _ | _ |
| 24. | hemp | - | _ | *** | - | | |
| 25. | mesta | _ | = | - | _ | | æ |
| 26. | cotton | `- | | - | _ | . 987 | |
| 27. | tobacco | 6 4 /5 | 100 - 00 | | • | - 10 | O., |
| 28, | tea | _ | . | <u> -</u> | - | , | - |
| 29. | tapioca | 171 | 100,00_ | <u></u> | ÷ | - 10 | 00. |
| 30. | sweet potato | 224 | 98 . 21 | 1 .7 9 | - - | | O. |
| 31. | arum & other roots | 447 | OC 70 | | | | |
| | any other crop | | 99.78 100.00 | C•22 | · <u>··</u> · | - 110 40 | |

National Sample Survey, 52mi Round, July 197/ - June 1977

Table (12): Percentage distribution of households reporting production of different crops under permanent cultivation by manner of disposal

| CH _ + _ | _ | Arm achal |) 1 L |
|---|---|-----------------------------|--------------------|
| -1. GT.D | • | William III. Child III to 1 | → 94 (3.1) a La Fi |
| C - C - C - C - C - C - C - C - C - C - | | | 4 T CMAN 2 2 3 5 5 |

no. of sample villages: 329

| | | no. of | manner of disposal | | | | | | |
|-----|--------------------|-----------------------------|--------------------|--------------------------|-----------------------|----------------|--------------------|--|--|
| | s r o p | r o p reporting house-holds | | for sale or barter | for debt repayment | others | total | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | | |
| 1. | paddy | 550 | 94•37 | 4.18 | | 1.45 | 100.00 | | |
| 2. | whest | 130 | 89 .25 | 9.23 | PH | 1.54 | 100,00 | | |
| 3. | maize | 241 | 97.93 | 2.07 | , ⊢ ■ | | 100,000 | | |
| 4. | other cereals | 229 | 99.56 | 0.44 | = | | | | |
| 5. | grem | 4 | 100,00 | true. | _ | les. | 100.00 | | |
| 6. | woods | - | - | F | | _ | - | | |
| 7- | tur | - | - | 44 | <u></u> | - | | | |
| β, | urd | _ | <u>-</u> | . | - | _ | | | |
| 9. | other pulses | 53 | 100,00 | - | . | - | 100,00 | | |
| 10. | rape seed | - | _ | | | _ | | | |
| 11. | mustard | 75 | 12.00 | 88•00 | | - | 100,00 | | |
| 12. | groundnut | Bed. | Hib | - | н | - | | | |
| 13. | other oil seeds | 4 | 75.00 | 25.00 | _ | | 100,00 | | |
| 14. | potato | 132 | 93.94 | 6,0 6 | - | <u> </u> | 100.00 | | |
| 15. | other vogetables | 1 51 | 94-34 | O.66 | - | | 100.00 | | |
| 16. | oranges | lead | - | - | - | - | N/APP | | |
| 17. | pina applea | - | - | | - | | | | |
| 18. | other fruits | 1 | 100100- | | ran | - | 100.00 | | |
| 19. | ginger | 17 | 100,00 | · FOT | ÷ | _ | 100,00 | | |
| 20. | chilli | 217 | 81.11 | 18.85 | - | | 100.00 | | |
| 21. | turmerio | 9 | 100.00 | ger#I | - | i u | 100:00 | | |
| 22. | sugercane | - | - | H | | - | · | | |
| 23. | jut o | - | - | - | _ | - | | | |
| 24. | hemp | en . | - | غي | - | - | _ | | |
| | mesta. | v | - | | | - | (**** * | | |
| | ootton | - | _ | - | rus | - | 1 | | |
| | tobacco | 5 | . 60,00 | 40.00 | - | - | 100.00 | | |
| | tea. | 25 | 100.00 | - | - | , | 100.00 | | |
| | tapioca | 9 | 88.89 | 11.11 | _ | ₩ | 100,00 | | |
| | sweet potato | 28 | 100.00 | | - | - | 100,00 | | |
| | arum & other roots | 25 | .100.00 | 94 | - | | 100,00 | | |
| | any other crop | 2 | 100.00 | | | - | 100,00 | | |

National Sample Survey, 32nd Round, July 1977-June 1978

The lo (13): Percentage distribution of households practising thum cultivation by household group and number of plots cultivated.

| household | percentage of h.h. by no. of plots cultivated | | | | | | | |
|--------------------|---|-------|--------|-------------------|-----------|--------|--|--|
| group | † | 2 | 3 | 4. | 5 & above | total | | |
| | (2) | (3) | (+) | (5) | (6) | (7) | | |
| t. scheduled caste | 1100100 | _ | | nda ·. | _ | 100,00 | | |
| 2. scheduled tribe | 16.26 | 49.27 | .21.30 | . 8., 98. | 4.19 | 100.00 | | |
| 3. others | 100.00 | | - | | - | 100.00 | | |
| 4. total " | .16.47 | 49.15 | 21,24 | 8.96 | 4,18 | 100.00 | | |

Table (14): Average value of output (in 3.) per household and number of reporting households by industry group/

| State: Arunachal Pradesh no. of sample villages: 32 | , |
|--|--------|
| industry group number of average value reporting of output (industry group per households per households | ր եր) |
| | · |
| 1. agriculture 1504 2484 | |
| 2. mining 1 0 | |
| 3. manufacture 10 4 | |
| 4: construction 5 8 | |
| 5. trade 7 8 | |
| 6. transport 4 2 | |
| 7. service 28 37 | |

Nerbyan/

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (15) : Average income (in Rs.) earned per household and number of reporting households by source of income

| | source of income | income fina (| number of reporting households |
|----|-------------------------|---------------|--------------------------------------|
| | (1) | (5) | (3) |
| 1. | agricultural production | 1777 | 1504 |
| 2. | other agriculture | 563. | 1052 |
| 3. | other enterprises | 24 | 41 |
| 4. | waga income | 139 | 145 |
| 5. | other income | 111 | 175 |
| 6. | total income | 2613 | 1566 |

Table (1) National Sample Survey, 32nd Round, July 1977-June 1978

Table (1) Percentage distribution of households by household industry and household group

State : Assam (hill districts)

no.of sample villages: 48

| industry . | ho | household group | | | | |
|---|----------------------|------------------|--------------|--------------|--|--|
| | schedu- led caste | schedu- tribe | others | total | | |
| - (1a)c | (2) | (3) | (4) | (5) | | |
| . production of cereals and other pul- | 100.00 | 98.24 | 85.08 | 95.84 | | |
| 2. production of fibres, sugarcane, oil seeds, roots, vegetables, fruits, pan etc | <u>.</u> | _ | -stra | - | | |
| oplantations | | - | - | - | | |
| 4. livestock production | | _ | - | - | | |
| 5. agricultural services | ** | - | - | - | | |
| 6. hunting, forestry and logging | | - | - | ÷ | | |
| 7. fishing | - | *** | _ | 4 | | |
| 8. mining and quarrying | - | - | - | - | | |
| 9. manufacturing | - | - | - | | | |
| 10. electricity, gas and water supply | - | | | - | | |
| 11 construction | - 100 - | | - | _ | | |
| 12. wholesale trade | - | | - | - | | |
| 13. retail trade and restaurats & hotels | - | - | 5.97 | 1.11 | | |
| 14. transport, storage & communication | | _ | 4,48 | 0.83 | | |
| 15. financing, insurance, real estate and | <u>-</u> | - | - | <u>.</u> | | |
| 16. business services | | 0.35 | - | 0.28 | | |
| public administration and defence ser | ~ | 1.06 | 1.49 | 1.11 | | |
| 7 services 7 educational, scientific and research medical and health services | ser | - | - | _ | | |
| medical and health services 19 repair services | _ | <i>;</i> | | · <u></u> | | |
| 20.other services | _ | 0.35 | 2.98 | 0.83 | | |
| 21.activities not adequately defined | - | - | ** | - | | |
| | 00.0u | 100.00 | 100.00 | 100.0 | | |
| number of sample households | 9. | 1284 | 67 | 360 | | |

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (2): Percentage distribution of households by household occupation and household group

| | occupation and nouse | иота В | roup | | |
|----------|--|----------------------|--------------------|--|----------------------|
| | State : Assam (hill districts) | 'n | o. of a | ample vi | Illages:48 |
| | occupation | sche | sehold - sche- | others | total 3 |
| | | cast | d duled e tribe | | |
| | (1) | (2) | (3) | (4) | (5) |
| 2. 3. | physicians and surgeons nursing & other medical & health technici teachers other professional, technical & related was | _ | 0.35 0.70 | 1.49 - | 0.56 0.56 |
| 5. | workers administrative, executive & managerial were workers | [:0:5] - | 吳 | · • | - |
| | village officials clerical and related workers | | O.35 | = | ~ 0.28 |
| | merchants and shopkeepers, wholesale and retail trade | - | 0.35 | 4,48 | 1.11 |
| 10. | salesmens hop assistants & related worker money lenders and pawn brokers other sales workers | S = | | - MA | - |
| | barbers and launders other service workers | - | ## i " | 1.49 | 0.28 |
| | farm plantation, dairy and other managers & supervisors | | 0 .70 | 17.91 | 3.89 |
| 16. | cultivators (tenants) | 77.78 | \ <u>-</u> " | 59.23 | 87.20 |
| 18. | agricultural labourers plantation labourers & related workers other farm workers | 22.22 | - C-70 | 10.45 | 3.06 |
| 20. | forestry workers other farmers hunters & related workers | - | | | <u>-</u> |
| 22 | fishermen and related workers miners, quarrymen, well drillers and related workers | - | - San | + | * |
| 25. | spinners, weavers, knitters & dyers bricklayers, plasterers, rubber insulators glaziers etc. | , | - | ************************************** | |
| 27. | hut builders & thatchers well diggers & other construction workers | - | - | _ | = |
| 30. | drivers of animals and webicles other production and related workers not classifiable by occupation occupation code not recorded | - | 1.76 | 1.49 5.97 1.49 | 0.28 1.11 1.67 |
| ì | - | 00.00 | | 100.00 | 100.00 |
| | number of sample households | 9. | 1284 | 67 | 360° |

National Sample Survey, 32nd Round, July 1977-June 1978

Table (3): Percentage distribution of households by household land possessed (in hectares 0.00) and household group

State : Assem (hill districts)

no. of sample villages : 48

| | size class of | no | household group | | | | |
|--------------|-----------------------------------|--------------------|--------------------|--------|--------|--|--|
| | land possessed (hectares 0.00) | soheduled caste | scheduled tribe | others | total | | |
| W 29 30 10 1 | (1) | (2) | (3) | (4) | (5) | | |
| 1. | 0,00 | | | _ | .* | | |
| 2. | 0.01 - 0.20 | 11.11 | 0.70 | 19.40 | 4-44 | | |
| 3. . | 0.21 - 0.40 | · • | 2.46 | 4.48 | 2.78 | | |
| 4. | 0.41 - 1.00 | - | 7.39 | 2.99 | 6.39 | | |
| 5. | 1.01 - 2.00 | 66.67 | 61.428 | 55.22 | .60∙2B | | |
| 6. | 2.01 - 3.00 | 22.22 | 20.07 | 10.45 | 18.33 | | |
| 7. | 3.01 - 4.00 | H | 5•6 3 | 2.99 | 5.00 | | |
| 8. | 4.01 🗦 8.00 | - | 1 -41 | - | 1.11 | | |
| 9. | 8.01 & above | - | Eds | - | _ | | |
| 10. | not recorded | - | 1.06 | 4-47 | 1.67 | | |
| 11. | total | 100.00 | 100,00 | 100.00 | 100-00 | | |
| | number of sample households | 9 | 284 | 67 | 360 | | |

National Sample Survey, 32nd Round, July 1977-June 1978

Table (4): Percentage of households doing jhum and permanent cultivation to total number of households by households group.

State: Assem (hill districts) no. of sample villages: 48

| household group | number of sample | percentage of households by type of cultivation | | |
|--------------------|------------------------|--|-----------|--|
| | house- holds | jhum | permanent | |
| (1) | (2) | (3) | (4) | |
| 1. scheduled caste | 9 | - | - | |
| 2. scheduled tribe | 284 | 56.94 | 63.33 | |
| 3. others | 67 | 0.56 | 15.56 | |
| 4. total | 360 | 57.50 | 78,89 | |

Table (5): Average size of land possessed per household, average size of land per household under permanent cultiva-tion, average size of land per household under jhum cultivation by household group/

| State: Assam (hill districts) no. of sample villages: 48 | State | 7 | Assan | (h111 | districts) | no. | of sample | villages | ÷ | 48 |
|--|-------|---|-------|-------|------------|-----|-----------|----------|---|----|
|--|-------|---|-------|-------|------------|-----|-----------|----------|---|----|

| höusehold group | average size of land pose- essed per household (hectares 0.00) | average size of land per household under permanent cultivation (hectares 0.00) | average size of land per house- hold under jhum cul- tivation (hectares 0.00) |
|--------------------|--|--|--|
| | | | 0.00) |

| | 1) | (2) | (3) | (4) |
|----|------------------|------|-------|------|
| i | scheduled caste- | 1:47 | 1.07 | 0.00 |
| 2. | scheduled tribe | 1.74 | 0.57. | 0.60 |
| 3, | others | 1.09 | 0.91 | 0.00 |
| 4. | total | 1.61 | 0.93 | 0.47 |

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (6) : Percentage distribution of households reporting availability of irrigation facilities by source of irrigation and type of cultivation

State: Assem (hill districts)

no.of sample villages : 48

| | type of cultivation | | | | |
|----------------------|---------------------|-----------|--|--|--|
| source of irrigation | jhum | permanent | | | |
| (1) | (2) | (3) | | | |
| 1. channel | | 88,54 | | | |
| 2. spring | 100.00 | 11,46 | | | |
| 3. tenk 4. well | - | _ | | | |
| 5. tube-well | - | - | | | |
| 6. other sources . | - | - | | | |
| 7. all | 100,00 | 100.00 | | | |

Table (7): Percentage A distribution of households by extent of use of inproved seed and type of cultivation

| Chato | | Accom | (n+1) | districts) |
|--------------|---|--------------|-------|-----------------|
| 73 1. 2 1. 2 | - | HO O O O III | | ・ オーロー・ ティイト /・ |

no.of sample villages:48

| extent of use of | type of cultivation | | | |
|------------------------|---------------------|-----------|--|--|
| improved seed | jhum | permanent | | |
| (1) | (2) | (3) | | |
| 1. entire area | | - | | |
| 2. half or more area | - | - | | |
| 3. less than half area | - | - | | |
| 4. not used | 100.00 | 100.00 | | |
| 5. total | 100.00 | 100.00 | | |

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National Sample Survey, 32nd Round, July 1977 - June 1978

Table (8) · Percentage distribution of households using green mamure and cow dung by extent of use and type of cultivation

State: Assam (hill districts) no.of sample villages 148

| | | type of cultivation | | | | | |
|----|---------------------|---------------------|--------|-----------------|-------------|--|--|
| | extent of use | green manure | COW- | green manure | cow dung | | |
| | (1) | (2) | (3) | (4) | (5) | | |
| 1. | entire area | 14.98 | 20.77 | 21.48 | 51.06 | | |
| 2. | half or more area | 2.89 | 0.97 | 3.17 | 1.05 | | |
| 3. | less than half area | - | 12.08 | | 6,34 | | |
| 4. | not used | 82.13 | 66,18 | 75.35 | 41.55 | | |
| 5. | total | 100.00 | 100.00 | 100.00 | 100,00 | | |

Table (9) : Percentage distribution of total man-days of work by type of labour input and type of operation

State : Assam (hill districts)

no.of sample villages:48

| type of labour input | | | .dd\d | | | | |
|----------------------------|-----------|----------------------------------|-------------------------------|--------|--------|--------|--------|
| | | pre-s ew ing operation | sewing weeding harvest ing | | _ | others | |
| - | 1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1. | household | 82.53 | 83.13 | 73.74 | 81.26 | - | 80:90 |
| 2. | hired | 17.47 | 16.87 | 26.26 | 18.74 | - | 19,10 |
| 3. | total | 100.00 | 100.00 | 100.00 | 100.00 | | 100.00 |

National Sample Survey, 32nd Round, July 1977-June 1978

Average yield of crop per household, per reporting household and number of reporting households by type of crop and type of cultivation Table (10) :

State : Assam (hill districts)

no.of semple villages:48

| 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | - Control of the Cont | jh | um cultivati | on. | permana | ent cultiv | vation |
|--|--|---|----------------|-------------------------------------|---------------------------------------|--|-------------------|
| | crop . | average yield of crop per h.h.(kg. | crop per | number of re- porting h.h. | yield of crop per reporting h.h. (kg. | average yield of crop per grepor- ting bh (kg.0.00) | of re- porting |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1. | paddy | 601.84 | 1434.85 | 151 | 2093.82 | 2910.33 | 259 |
| 2. | wheat | ** | · <u>-</u> | - | 195.08 | 3192.23 | 22 |
| 3. | malze | ** | _ | - | - | - | - |
| 4. | other cereals | 0.28 | 50 <u>.</u> 00 | 2 | 0.14 | 52.00 | 1 |
| 5. | gram | - | _ | ù. | - | - | - |
| 6. | moong | - | esi | - | - | - | - |
| 7. | tur | _ | - | 20 | H# | - | - |
| 8. | urd | . 🕳 | ** | • | - | - | - |
| 9. | other pulses | 0.39 | 34.75 | 4 | _ | - | - |
| 10. | rape seed | - | - | ** | | - | - |
| 11. | mustard | 0.09 | 8.00 | 4 | ** | - | - |
| | ground nut | 0.22 | 80.00 | • 1 | ** | - | - |
| 13. | other oil see | | 95.49 | 53 | 3. 68 | 120.45 | 11 |
| | potatoes | 0.85 | 43.71 | 7 | 1.26 | 41 . 3 6. | 11 |
| 15. | other vegetab | les1.88 | 48.36 | 14 | 0.60 | 71.67 | .3 |
| 16. | oranges | 0.04 | 8 * 00 | 2 | = | ** | - |
| 8 | pine apples | NATION | - | *** | - | - | ₹ |
| 18. | other fruits | - | - | *** | - | - | - |
| | ginger | - | - | - | F0 | - | - |
| 20. | čhilli | 6.61 | 74.38 | 32 | ୦.୦୫ | 5.80 | 5 |
| 21. | turmeric | 2004 | - | - | - | - | - |
| | sugar cane | - | _ | | | - | - |
| | jute | - | - | *** | - | | |
| 24. | hemp | - | - | - | - | - | , |
| | mesta | _ | - | - | ÷ | - | : |
| 26. | cotton | 6.19 | 247.78 | 9 | - | <u>~</u> | 7 |
| 27. | tobacco | - | - | - | - | -, | - |
| . 28. | . tea | ** | - | - | ~ | = | |
| | . tapioca | - | - | - | 1 | 4 | . |
| | sweet potato | | - | - | - | ** | - |
| 31. | arum & other roots | =- | _ | _ | <u> </u> | _ | |
| 70 | any other cr | m / 0 26 | 18.80 | 5 | 0.99 | 20.88 | 17 |
| J2) | , any other cr | op/ 0.20 | | | U • 95 | . =~****** | . 1 |

Table (11): Percentage distribution of households reporting production of different crops under jhum cultivation by manner of disposal

State : Assem (hill districts)

no. of sample villages: 48

| | Y | umber | | manner of | disposal | | |
|----|-------------------|---------------------------------|------------------|-----------------------|-----------------------|----------------------|-------------|
| C | s, r о р | report ing house holds | for | for sale or barter | for debt re-paymen | | s to- |
| | | (2) | (3) | (4) | (\$) | (6) | (7) |
| 1. | paddy | 151 | 97.35 | 2.65 | <u>.</u> | , | 100.00 |
| 2. | wheat | • | • | *** | | _ | - |
| 3. | maize | - | - | _ | ÷ | | - |
| 4. | other cereals | 2 | 100.00 | - | = | _ | 100.00 |
| 5. | gram | | | • | _ | _ | - |
| 6. | moong | <u> </u> | - | <u> </u> | ₩ | - | - |
| 7. | tur | | , 1988 | ==0 | - | - | *** |
| 8. | urd ' | - | - | <u> </u> | - | ÷ | - |
| 9. | other pulses | 4 | 75.00 | 25.00 | - | , | 100,00 |
| 0. | rape seed | ** | ** | • | - | | - |
| 1. | mustard | 4 | ಿ 25₊೦ ೦ | 75. 00 | - | | 100,00 |
| 2. | groundnut | 1 | 100.00 | 466 | - | * . ,- | 100.00 |
| 3. | other oil seeds | - 53 | 77.36 | 22.64 | • | • | 100.00 |
| 4. | potato | 7 | 71.43 | 28,57 | - | · · | 100.00 |
| 5. | other vegetables | s 14 | 85.71 | 14.29 | • | - | 100.00 |
| • | oranges. | 2 | 100.00 | - | = | _ | 100,00 |
| | pine apples | - | • | *** | - | - | |
| 8, | other fruits | - + | 111 | *** | -i | ₩, | |
| | ginger | | === | ~ | - | | - |
| | chilli | 32 | 9.38 | 990627/ | = | , ·· | 100.00 |
| | turmeric | | | - | - | - | |
| | sugar cane | - | | • | - | → | - |
| | jute | | ÷ | _ | - | | _ |
| | hemp | - | -, - | - | - | - | · •••• |
| | mesta | - | - | No. | - | - | - |
| | cotton | 9 | - | 100.00 | | _ | 100.00 |
| | tobacco | ** | · 🕶 | - | - | *** | - |
| | tea | - | - | . 🛶 | - | _ | _ |
| | tapioca | | ÷. | · • | == | /// | - |
| | sweet potato | - | • | • | - | - | - |
| | arum & other room | | 60.00 | 40.00 | - | - | _ 100.00 |

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (12) : Percentage distribution of households reporting production of different crops under permanent cultivation by manner of disposal

State : Assam (hill districts)

no. of sample villages : 48

| • | 1370, 100, 100, 100, 100, 100, 100, 100, 1 | | menner of disposel | | | | | |
|-------------|--|--------------------------------------|-------------------------|---|-------------------------------|-------------------|-------------|--|
| | orop | number of reporting households | for consump- tion | for sale c f barter | for debt repay- ment | others | total | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | |
| 111 | peddy | 259 | 64.09 | 35.91 | - | min. | 100,00 | |
| 2. | whest | 22 | 100,00 | *- - | •. | *** | 100,00 | |
| - 3- | - me ize | • | - | - | | | e e | |
| 4. | other ceresla | 1 | 100.00 | | 44 | _ | 100,00 | |
| 5. | gram | 14 | *** | - | - | - | ⊪ ę | |
| 6. | moong | _ | | <u>:-</u> | - | - | | |
| 7. | tur | - | - | F4 | _ | | _ | |
| 8. | urd | <u>.</u> | - · | - | •• | - | — · | |
| 9. | other pulses | _ | | + | - | | | |
| 10. | rape seed | = | | - | | | - | |
| 11. | mustard | | - | _ | _ | _ | - | |
| 12. | ground mat | - | ٠ 🚐 | - | _ | _ | - | |
| 13. | other oil seeds | 11 | 9.09 | 90.91 | - | - | 100.00 | |
| 14. | potato | 11 . | 45-45 | 54.55 | - | 144 | 100.00 | |
| 15. | other vegetables | 3. | 66,67 | 33-33 | - | - | 100.00 | |
| 16. | orenges | - | in | _ | _ | _ | - | |
| 174 | pine apples | - | | - | - | - | - | |
| 18. | other fruits | ÷ | - | - | - - | - , | | |
| 19. | ginger | ¥++ · | - | | - | - | - | |
| 20. | chilli | 5 . | 100,00 | H | HA | _ | 100.00 | |
| 21. | turmerio | - | -4 | - | - | . 📥 | -= | |
| 22. | angarcane | - | , ∓ | - | - | - | pap | |
| 23. | jute | ⇒ + | - | - | ~ | - | - | |
| 24. | hemp | - | - | - | - | | - | |
| 25. | mesta | - | - | - | - | - | | |
| 26. | cotton | - | - | - | ~ | - | - | |
| 27. | tobacco | - | _ | - | - | ** | | |
| 28. | tee | - | - | <u>.</u> | - | - | - | |
| 29. | tapioca | - | *** | - | ~ | ** | - | |
| 3 0. | sweet poteto. | - | , - | | ~ | - | ÷ | |
| 31. | arum & other roots | - | • | • | - | - | - | |
| 32. | eny other arop | 17 | 41.18 | 58.82 | <u>`</u> | y €= ₹ | 100,00 | |

Table (13): Percentage distribution of households practising jhum cultivation by household group and number of plots cultivated

State : Amsam (hill districts)

vot s T

| | सुर ≝ | 1 | | | | |
|-------------------|----------|----------|--------|---------|------------|--------|
| household group | perc | entage (| rh.h. | byno.of | plots cult | ivated |
| | 1 | 2 | 3 | 4 | 5 & above | total |
| | (2) | (3) | (4) | (5) | (6) | (7) |
| . scheduled caste | <u>-</u> | - | · • | - | . | *** |
| . scheduled tribe | 57.82 | 25.12 | 16.11 | 0.95 | · <u>*</u> | 100.00 |
| . others | 100.00 | • | - | - | ** | 100.00 |

no. of sample villages: 48

0.94

100.00

Average value of output (Ran) per household and number of reporting households by industry group

58.22

| State : | • | Asaam | (hill | districts) | no. | of. | sample | villages |
|---------|---|-------|-------|------------|-----|-----|-----------------------|----------|
| | | | | | | | # # [# #= | Že. |

24.88 15.96

| industry group | number of reporting households | everage value of output (~{Rs.) per household | |
|-----------------|--------------------------------------|--|--|
| (1) | (2) | (3) | |
| 1., agriculture | .340 | 2719 | |
| 2. mining | - - | • | |
| 3. manufacture | - | - | |
| 4. constuction | ent. | - | |
| 5. trade | 1 | 28 | |
| 6 transport | = | - | |
| 7. services | · 2 · | 26 | |

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (15): Average income (in Rs.) earned per household and number of reporting households by source of income

| Sta | te : Assam (hill districts) | no. of sample villages : 48 | | | |
|-----|------------------------------|--|--------------------------------------|--|--|
| | source of income | average income (Rs.) earned per household | number of reporting households | | |
| | (1) | (2) | (3) | | |
| 1. | agricultural production | 2410 | 329 | | |
| 2. | other agmiculture | 133 | 242 | | |
| 3• | other enterprises | 5 <i>3</i> ⁻ | 7 | | |
| 4. | wв ge income | 181 | 24 | | |
| 5. | other income | 34 | 20 | | |
| 6. | total income | 2811 | 354 | | |

43 # National Sample Survey, 42nd Round, July 1977 - June 1978

Table (1): Percentage distribution of households by household industry and household group

State : Manipur (hill districts) no. of sample villages: 63 household group industry total scheduled others scheduled triba easte (1) (2) (3) (4) 1. production of ceresla and other pulses 95.14 78.57 94.53 production of fibres. sugarcane. : 0**.**26 : 2. 0.27 oil seeds, roots, vegetables, fruits, pan etc. 3. plantations livestock production . 4. 5. agricultural services 6. hunting, forestry and logging 7. fishing 0.27 0.26 mining and quarrying 8. manufacturing 9. 10. electricity, gas and water supply 11. construct ban 12. wholesale trade 0,26 0.27 13. retail trade and restaurants & hotels 14. transport, storage & communication finatoing, insurance, real estate and 15. business services public edministration and defence 1.62 21.43 2.35 161 services 1.08 1.04 educational, scientific and research 17 🔻 services medical and health services 18. repair services 19. 0.26 0.27 20. other services 1.08 1-04 activities not adequately defined 21. 700.00 100.00 100.00 22. all industries 370 14 384 number of sample households

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (2): Percentage distribution of households by household occupation and household group

| | | • | | |
|-------|---|-----------------|--|-----------------|
| State | • | Mani กมค | (h:11 | districts) |
| | | a the following | Q + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + | ~ Th AT TO AM \ |

no. of sample villages

| ************************************** | | ho | usehold | group | 4 |
|--|---|--------------|-------------------------|----------------|---------------|
| | occupation | | sche- duled tribe | | - tot |
| | (1) | (2) | (3) | (4) | (5) |
| 1. | physicians and surgeons | . سنة 1 | . <u>.</u> | <u>.</u> | |
| 2. | nursing & other medical & health technicians | - | - | - | *** |
| | teachers worker | | *** | | |
| | other professional technical & related | <u>/</u> : - | 1.89 | 21.43. | 2.61 |
| • | administrativa, executive & managerial w | or | | _ | |
| • | village officials | - | - 0 0 d | _ | o.78 |
| • | clerical and related workers | - | C.81 | _ | 0.70 |
| • | merchants and shopkeepers, wholesale and retail trade | - | _ | = | _ |
| 9. | salesmen, shop assistants & related workers | - | C. 27 | - | O. 25 |
| 10. | money lenders and pawn brokers | • | - | €. | _ |
| 11 | other sales workers | - . | - | _ | _ |
| 12. | barbers and launders | _ | | - | - |
| 13. [| | - | .0.54 | _ | 0.52 |
| 14. | farm plantation, dairy and other manager | <u> </u> | 0.31 | - | 0.78 |
| 4.5 | managers and supervisors | Ę | 07 OF | 57. A.A. | Ö4 03 |
| 15 16. | cultivators (owners) | | 93.25 | 57.14 21.43 | 91.93 0.78 |
| 17. | cultivators (tenarits) agricultural labourers | | 0.54 | 21.45 | 0.73 |
| 18. | plantation labourers & related workers | | | _ | |
| 19. | other farm workers | _ | 0.27 | | 0.26 |
| 20. | forestry workers | _ | O • 2 (| | ~ ~ ~ ~ ~ ~ |
| 21. | other farmers, hunters & related worker | s - | C•27 | - ; - | 0.26 |
| 22. | | _ | | .= | * |
| 23. | miners, quarrymen, well drillers and related workers | - | - | - | <u></u> - |
| | spinners, weavers, knitters, dyers | ,. | *** | , *** | - |
| • | bricklayers, plasterers, rubber | - | · ** | ,₩, | ** |
| | insulators, glaziers etc. | | | . ` | |
| 26. | hut builders & other construction | - | . 🛥 | - | - |
| 07 · | workers | | | | · · |
| 27. | well diggers & other construction workers | | - | .= | |
| 8. | drivers of animals and vehicles | - | _ | - | - |
| ~# | other production and related workers | _ | _ | · | - |
| • | not classifiable by occupation | | - | - | - |
| 3. | occupation code not recorded | | 1.35 | **** | 1.30 |
| 3. | all occupations | | 100.00 | 100.00 | 100.00 |
| | number of sample households | · | 370 | 14 | 384 |

National Sample Survey, \$2nd Round, July 1977-June 1978

Table (3): Percentage distribution of households by household land possessed (in hectares 0.00) and household group

| | size class of | | household gr | aup | _ |
|-----------------|-----------------------------------|----------------------------|--------------|--------------|-------------|
| | land possessed (heatares 0.00) | scheduled scheduled others | | | total |
| | (1) | (2) | (3) | (4) | (5) |
| 1. | 0.00 | - | | | H-B |
| 2. | Q+01 + Q+20 | - 12 | 2.43 | 7.14 | 2.60 |
| 3∗ | 0.21 - 0.40 | - | 8.38 | | 8.07 |
| 4• | 0.41 - 1.00 | | 30.00 | 50.00 | 30.73 |
| 5 _{**} | 1.01 - 2.00 | ## | 48.11 | 14-29 | 46.88 |
| 6. | 2.01 - 3.00 | ·. | 7.03 | 7.14 | 7.03 |
| 7. | 3.01 - 4.00 | - | 2.70 | 7.14 | 2.87 |
| 8. | 4.01 - 8.00 | •••• | 0.54 | <u> </u> | 0.52 |
| 9. | 8.01 & above | - | # | - | |
| 0. | not recorded | · <u>·</u> | 0₊81 | 14.29 | 1.30 |
| 1. | total | - | 100.00 | 100,00 | 100.00 |
| | number of sample households | - | 3 7 0 | 14 | 3 84 |

National Sample Survey, 32nd Round, July 1977-June 1978.

Table (4): Percentage of households doing jhum and permanent cultivation to total number of households by household group

| | household group | · · · | | percentage of households by type of cultivation | | |
|-------------|-------------------------|-----------------|---------------|--|--|--|
| | G- - *: <u>F</u> | house- holds | jhum | permanent | | |
| | (f) | (2) | (3) | (4) | | |
| J . | scheduled caste | - | - | 196 | | |
| 2. | scheduled tribe | 370 | 5 1.02 | 32.02 | | |
| 3. | others | 14 | 1.30 | 1.30 | | |
| | total | 384 | 52.32 | 33.32 | | |

size of land per household under permanenet cultivation, average size of land per household under jhum cultivatio by household group/

average size of land

| State | ; | Manipur | (h111 | districts) |
|-------|---|---------|-------|------------|
|-------|---|---------|-------|------------|

no. of sample villages : 63

average size

average size

| | household group | of land possessed per household (hectares 0.00) | of land per household under permanent cultivation (hectares 0.00) | of land per household unde jhum cultivati (hectares 0.00 |
|-----|--------------------|--|---|---|
| | (f) | (2) | (3) | (4) |
| 1. | scheduled caste | 140 | <u>.</u> | - |
| 2. | scheduled tribe | 1.97 | 1.04 | 0.90 |
| 3, | others" | 2,01 | 0.85. | 1.05 |
| 4. | total | 1.99 | 1.01 | 0.92 |
| *** | | | | , , |

Table (6): Percentage distribution of households reporting availability of irrigation facilities by source of irrigation and type of cultivation

| | type of oultivation | | | |
|----------------------|---------------------|-----------|--|--|
| Source of irrigation | jhum | permenent | | |
| 0 | (2) | (3) | | |
| 1. channel | ; • | 43.01 | | |
| 2. spring | : | 12.90 | | |
| 3. tank | - | - | | |
| 4. wel'1 | | | | |
| 5. tube-well | S. prop. 4. S. | *je4 | | |
| 6. other sources | = | 44.09 | | |
| 7. á 1 1 | ••• | 100,00 | | |

Table (?) I Percentage distribution of households by extent of use of improved seed and type of cultivation

| State : Manipur (hill districts) | no. of sample villages, 63 | | | |
|----------------------------------|----------------------------|-----------|--|--|
| extent of use of | | | | |
| improved seed | jhum | permanent | | |
| (1) | (2) | (3) | | |
| 1. entire area | <u> </u> | - | | |
| 2. helf or more area | 0-41 | (FIB).18 | | |
| 3. less than half area | 0.41 | | | |
| 4. not used | 99.18 | 98.82 | | |
| 5. total | 100.00 | 100.00 | | |

National Sample Survey, 32nd Round, July 1977-June 1978

Table (8): Fercentage distribution of households using green manure and cowdung by extent of use and type of oultivation

| Stat | State : Manipur (hill districts) | | no. of sample villages : | | | | | |
|-------------|----------------------------------|-----------------|--------------------------|-------------------|--------------|--|--|--|
| | | | type of | oultivetio |)n | | | |
| | extent of use | 3 n | r w | Dern | permanent | | | |
| | | green menire | gnua com | namre Ereen | dung dung | | | |
| | (1) | (2) | (3) | (4) | (5) | | | |
| 1. | entire area | 0.41 | 0•41 | · - | = | | | |
| 2. | half or more area | - . | 5 - 35 | 8.82 | 11.76 | | | |
| 3. - | less than half area | - | | _ | 5.88 | | | |
| 4• | not used | 99+59 | 94-24 | 91.18 | 82.36 | | | |
| | total | 400.00 | 100.00 | 100,00 | 100.00 | | | |

Table (9) : Percentage distribution of total man-days of work by type of labour input and type of operation

| | type of | | ty: | pe of ope | eration | | |
|----|-----------------|-------------------------|----------|-----------|-----------------|----------|--------|
| | Labour input | Pre-gowing operation | sowing | Weeding | harvest- ing | others ; | all |
| | (1) | (5) | (3) | (4) | (5) | (6) | (7) |
| 1. | household | 93-10 | 89,82 | 96,80 | 85.48 | | 92.48 |
| 24 | hired | 6.90 | 10-18 | 3.20 | 14.52 | ė, + | 7.52 |
| 3. | total | 100+00 | 100,000. | 100.00 | 100,00 | | 100,00 |

National Sample Survey, 32nd Round, July 1977-June 1978
Table (10): Average yield of crop per household, per reporting household and number of reporting households by type of crop and type of cultivation/

State : Manipur (hill districts)

no. of sample villages: 63

| | crop | jhu | m cultiva | tion | perman | ent cultiv | ation |
|-----|------------------|--|--|-----------------------------------|----------------------|--|-------------------------------------|
| | | average yield of crop per h.h. (kg.0.00) | average yield of crepper reportin (kg.0.00 | number of ngreport-)ing | per h.h (kg.0.00) | crop per reporting h.h. (kg.0.00) | number of re- porting h.h. |
| | (1) | (2) | (3) | (4) | (5) | (6,) | (7) |
| 1. | paddy | | 2057.58 | 233 | 1748.36 | 1893.13 | 157 |
| 2. | wheat | 3.46 | 210.00 | . 4 | 171.53 | 3845.00 | 8 |
| 3. | maize | 0.29 | 35,00 | 2 | 55432 | 626.93 | 15 |
| 4. | other cereals | 8.72 | 706.67 | 3 | 4.41 | 750.00 | 1 |
| 5. | gram | 0.62 | 150.00 | 1 | 2.82 | 480.00 | 1 |
| 6. | thous weary | - | + | | • | - | - |
| 7. | tur | . = | - | - | - | ₩ | - |
| 8. | urd | - | | - | - | - | • |
| 9. | other pulses | - | - | ** | - | - | - |
| 10. | rape seed | ** | 1/10 | - | - | -64 | *** |
| 11. | mustard | | - | - | 3-24 | 110.00 | 5 |
| 12. | ground nut | = | - | - | - | - | - |
| 13. | other oil seeds | 5 - | - | - | - | - | - |
| 14. | potatoes _ | - | - | *** | 1.29 | 110.00 | 2 |
| 15 | other vegetables | 5 - | - | *** | Fire | *** | .= |
| 16. | oranges | 10.53 | 640.00 | 4 | | - | - |
| 17. | pine apples | - | - | - | 1.88 | 24.62 | 13 |
| 18. | other fruits | 2.96 | 720 00 | 1. | | *** | === |
| 19. | ginger | 40.66 | 898.18 | 11 | 1,88 | 320.00 | 1 |
| 20. | chilli | 2.54 | 29.43 | 21 | <u>-</u> | - | + |
| 21. | turmeric | - | _ | (4) | - | · **** • | - |
| 22. | sugar cane | - | | - | ** | - | _ |
| 23. | jute | - | - | - | - | - | - |
| 24. | hemp | - | <u> </u> | - | - | - | - |
| 25. | mesta . | * | - | - | _ | - | - |
| 26. | ectton | 0.62 | 75.00 | Ž ' | _ | - | - |
| | tobacco | • | _ | | • | | 66 |
| ¥ | tea | → | ***** | - | | - | |
| | tapioca | - | | _ | _ | - | *** |
| | sweet potate | - | _ | • 🗻 | - | - | - |
| ** | arum & other roo | ts 1.98 | 160.00 | 3 | - | ai i | - |
| | | | - - | | - | • | * |
| 32. | any other crop | | | | | | and the state of |

Table (11): Percentage distribution of households reporting production of different crops under jhum cultivation by manner of disposal

State : Manipur (hill districts)

no. of sample villages :

| | | number | *** | | | sposal | |
|------------------------------|--|---|---|-----------|--------------------------|--------|--------|
| | сгор | of report- ing house- holds | for consump- tion | | for debt repayment | others | total |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 2345678901234567890123456789 | paddy wheat maize other cereal gram moong tur urd other pulses rape seed mustard ground nut other oil se potatoes other vegeta oranges pineapples other fruits ginger chilli turmeric sugar cane jute hemp mesta cotton tobacco tea tapicca sweet potato | 2334 231 | 100.00 75.00 100.00 100.00 100.00 | 25.00 | | | 100.00 |
| | arum and other roots | - 3 | 33.33 | 66.67 | · | - | 100.00 |

Table (12): Percentage distribution of households reporting production of different opposituation permanent cultivation by manner of disposal

State : Manipur (hill districts)

no. of semule villages : 63

| 5 | State : Manipur (hill | no. of sample villages : 63 manner of disposal | | | | | |
|---------------|-----------------------|--|----------------|-----------------------------|-----------------------|---------------|---------------|
| | o r o p | number of reporting households | for consump | for sale or barter | for debt repsy- | <u> </u> | total |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1. | paddy | 157 | 82,80 | 1.91 | نند | 15.29 | 100,00 |
| 2. | wheat | 8. | 87 . 50 | 12,50 | ₹. | ģ. | 100,00 |
| 3. | mad ze | 15 | 40.00 | 60,00 | , , | - | التابوتا |
| 4. | other cereals | 1 | - | 100,00 | - | - | 100,00 |
| 5. | gram | 1 | 100,00 | | | ule. | 100.00 |
| 6. | послд | , . | | - | - | - | ** |
| 7. | tur | sie. | - | - | | - | |
| β. | uri | - | | besid | · **** | - | - |
| 9. | other pulses | - | | - | · Aus | inesi | - |
| 10. | rape seed | - | , - | - | _ | _ | Papi |
| 11. | mistard | 5∞. | | 100,00 | = | | 100,00 |
| 12, | ground mut | - | - | _ | - | : - | - |
| 13. | other oil seeds | _ | - | - | - | _ | ā |
| 14. | potetoes | 2 | 100,00 | _ | - | | 100.00 |
| 15. | other vegetables | | - | *** | ÷ | - | r Pag |
| 16. | oranges | 141 | - | · • | - | + | - |
| 17. | pine apples | 13 | 84.62 | 15,38 | - | - | 100.00 |
| 18. | other fruits | _ | - | - | - | + | - |
| 19. | ginger | 1 | 100,00 | 44 | - | *** | 100.00 |
| 20. | ohilli | ₩. | u. | - | eler | _ | - |
| 21. | turmeris | _ | - | ' pa | - | - | - |
| 22. | augeroene | = | - | - | m | | _ |
| 23. | jute | | | - | - | _ | Let |
| 24. | hemp | • | - | | - | ₩ | * |
| 25. | meste. | - | - | _ | _ | - | - |
| 26. | ootton | - | - | | ₩ | - | _ |
| 27. | tobacco | - | - | ₩ | - | F | - |
| 20. | tea | - | = | - | - | - | |
| 29. | topicos | - | - | <i>e</i> 1 | - | ** | _ |
| 30 ₄ . | | - | - | - | 201 | , | |
| 31. | arum and other roo | ta - | - | - | | - | · |
| 32. | any other crops | - | PM. | - | - | - | →. |

Table (13): Percentage distribution of households practising jhum cultivation by household group and number of plots cultivated/

| | State : Manipur (hil | l district | s) | no. of | sample | v111ages | : 63 |
|----|----------------------|------------|----------|---------|-------------|----------------|--------------|
| | | perce | ntage of | h.h. by | no. of | plots ou | ltivated |
| | household group | 1 | 2 | 3 | 4 | 5 & above | total |
| | (t) | (5) | (3) | (4) | (5) | (6) | (7) |
| 1. | scheduled caste | - | - | - | | == | - |
| 2. | scheduled tribe | 80.68 | 15.93 | 2.37 | 1.02 | !!! | 100.00 |
| 3∙ | others | 100.00 | | _ | 1 -5 | | ان بن |
| 4. | t o t 1 | 81.06 | 15.61 | 2.33 | 1.00 | | 10.00 |

Table (14): Average value of cutput (3-) per household and number of reporting households by industry group

| | imustry group | number of reporting households | everage value of output(49.) per household |
|----|------------------|--------------------------------------|--|
| | (1) | (2) | (3) |
| 1. | agriculture | 375 | 2105 |
| 2. | mining | top. | <u>-</u> |
| 3. | menufacture | 47 | 17. |
| 4. | construction | 1 | o |
| 5. | trade | 1. | 13 |
| 6. | trenaport | - | - |
| 7. | service | 3 | 32 |

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Table (15): Average income (in Rs.) earned per household and number of reporting households by source of income

| State | 1 Manipur (hill districts) | no. of sample households : | | | | |
|-------|----------------------------|--|--------------------------------------|--|--|--|
| | source of income | average income (***)(****) earned per household | number of reporting households | | | |
| | (1) | (2) | (3) | | | |
| 3. | agricultural production | 1736 | 373 | | | |
| 2, | other aggloulture | 230 | 274 | | | |
| 34 | other enterprises | 29 | 47 | | | |
| 4. | wsgs incom | 158 | 14 | | | |
| ·5. | other income | 79 | 77 | | | |
| 6. | total income | 2232 | 384 | | | |

Table (1) : Percentage distribution of households by household industry and household group

State : Meghalaya

no. of sample villages ; 158

| | an adia sa izabi zisa | nous | ehold group | r' | |
|-----|--|--------------------|--------------------|---|--------------|
| | industry | echeduled caste | scheduled tribe | others | total |
| | (1) | (2) | (3) | (4) | (5) |
| 1. | production of cereals and other pulses | 50.00 | 86.47 | 59.46 | 85.18 |
| 2. | production of fibres, sugarcane, oil seeds, roots, vegetables fruits, and pan etc. | | 3.83 | | 3. 05 |
| 3∙ | plantations | | 2.15 | ÷ | 2.06 |
| 4. | livestock production | 128 | ₩ | , , , , , , , , , , , , , , , , , , , | - |
| 5• | agricultural services | L. | 0.72 | - | 0.68 |
| 6. | hunting, forestry and logging | - | Q .3 6 | - · | 0.34 |
| 7. | fishing | - | 0.60 - | - | 0.57 |
| 8. | mining and quarrying | - | - | * _3 | - |
| 9. | menufacturing | 25.00 | 1.91 | 8.11 | 2,28 |
| 10+ | electricity, gas and water supply | | - | ••• | - |
| 11. | construction | ÷ | . 0.96 | 5-41 | 1.14 |
| 12. | wholesale trade | _ | - | 2.70 | 0.11 |
| 13. | retail trade and restaurants & hotels | Line | 0.60 | 24.32 | 1.60 |
| 14. | transport, storage & communication | 25.00 | - | - | 0.11 |
| 15. | financing, insurance, real estate and business services | - | - | *** | • |
| 16. | public administration and defence services | - | 0.72 | - | ∪. 68 |
| 17. | educational, scientific and research services | .· | 1.08 | * | 1.03 |
| 18. | medical and health services | - | 0.12 | - | 0.11 |
| 19. | repair services | - | - | in | - |
| 20. | other services | - | - | - | - |
| 21. | activities not adequately defined | متنب | 0.48 | | 0-40 |
| 22. | all industries | 100.00 | 100.00 | 100.00 | 100.00 |
| | number of sample households | 4 | 836 | 37 | 877 |

National Sample Survey, 32nd Round, July 1977 - June 1978

Table (2): Percentage distribution of households by household occupation and household group

State : Megholaya

no. of cample villages :158

| | mowoe ! Me@nutsAs | 120.4 | /- MF ,(GTHP)-∓- | e Areacter | |
|-------------------|---|--------------------|-----------------------------|---------------|-----------------|
| | | h | usehold | group | total |
| | occupation | sche- duled | | others | مريو به و |
| | | caste | | | |
| | (1) | (2) | (3) | (4) | (5) |
| | | | | | |
| 1. | physicians and surgeons | * | - | ₩. | 5411 |
| 2. | nursing & other medical & health | - | 0.12 | - | ∩ ∵11 |
| • | technicians | - | | | 0.00 |
| 3. | teachers | -24 | ∙. 72 | - | c.68 |
| $L_{j^{\bullet}}$ | other profilesion: 1, technical & | - | 0.72 | _ | 0.68 |
| • | related workers | | | | |
| 5. | administrative, executive & managerial workers | | - | Bia | |
| 6. | village officials | _ | 0.12 | - | 0.11 |
| ž. | clerical and related workers | | 0.24 | 5.41 | ŏ . 46 |
| | merchants and shopkeepers, wholesale | _ | 0.36 | 8.11 | o . 63 |
| | and retail trade | • | | | |
| 9. | salesmen, shop assistants & related | - | | ,- | *** |
| 2.2 | workers | | | | |
| 40. | money lenders and pawn brokers | - | - | | ÷* |
| | other sales workers | | | 5.41 | ି - 23 |
| | barbers and launders | - | ~ ~ | - 47 84 | ست. بارجمان |
| 13 14. | other service workers | _ | 0.50 | 13.51 | 7.14 |
| 144 | farm plantation, dairy and other managers & supervisors | - | | - | - |
| 15. | cultivators (owners) | 25,00 | 78.04 | 18.91 | 76.18 |
| | cultivators (tenents) | | 0.24 | | 0.23 |
| | agricultural labourers | 25.00 | 9.93 | 35.13 | 11.06 |
| 16. | plantation labourers & related | *** | 1.19 | _ | 1.14 |
| 3 | workers | | _ | | |
| | other ffarm workers | _ | O.36 | - | <u>0.54</u> |
| | forestry workers | - | C-12 | | C.11 |
| 21. | other farmers, hunters & related | | 2.03 | 5.41 | 2.17 |
| 22. | workers fisherman and related workers | BI | ð:72- | | <i>ଓ</i> :68 |
| 23. | miners, quarrymen, well drillers and | - | 0.72 | _ | 0.40 |
| | related workers | , | | | |
| 24. | spinners, weavers, knitters, dyers | - | <u>.</u> | ** | miry |
| 25. | bricklayers.plasterers.rubber | _ | | _ | , au |
| | insulators, glaziors otc. | | | | |
| | nut builders & thatchers | - | *** | - | , • |
| 7. | well diggers & other construction | - | <u> </u> | _ | |
| 10 | workers | | | | |
| 18. 10. | drivers of animals & vehicles | 50 AA | 2 조압 | 3 .1 1 | 2 . 06. |
| છ. | other production and related workers |) ∪•∪⊍ — | 2.39 0.84 | ∪ [] | 2.00. 0.80 |
| 50. 51. | not classifiable by occupation occupation code not recorded | | 56 | _ | ∴.34 |
| 2. | ail occupation | | | 100.00 | 100,00 |
| <u> </u> | number of sample households | <u> </u> | 63% | 37 | 37 7 |
| R | MANUFACE OF ACTIVITIES TAMOUNT VALUE | | ابي ۱۰۰ | pe 4 | = + 1 |

National Sample Survey, 32nd Round, July 1977-June 1978

Table (3) : Percentage distribution of households by household land possessed (in meetares 0.00) and household group

State : Meghalaya

ass of anapho villegos : 158

| · | .4 | ho | household group | | | | |
|-----|--|--------------------|--------------------|-----------------------|----------------|--|--|
| | size class of land possessed (hectares 0.00) | schemiled caste | scheduled tribe | others | totel | | |
| | (1-). | (2) | (3) | (4) | (5) | | |
| 1. | o₌∪Ó | - | 0.48 | | 0.46 | | |
| 2. | ့ ့ပံံး 🗕 ၁.20 | 50.00 | 9-33 | 51 .3 5 | 11.29 | | |
| 3• | 0.21 - 0.40 | , | 3+23 | 18.92 | 3,88 | | |
| 4. | 0.41 - 1.00 | 25 .00 | 18.66 | 8,11 | 18.24 | | |
| 5. | 1.01 - 2.00 | منن | 38.16 | 16.22 | 37.06 | | |
| 6 . | 2.01 - 3.00 | _ | 20.21 | 5.40 | 19.50 | | |
| -7- | 3. 01 - 4.00 | - | 6.82 | ` ••• | 6.50 | | |
| 8. | 4.01 3- 8.03 | 25. 00 | 2,51 | « بزمه _{طنم} | 2,50 | | |
| 9. | 8.01 & above | `gang | 36 ئ | - |) ⊍₌3 4 | | |
| 10. | not recorded | _ | 0.24 | | 0.23 | | |
| 11. | total | 100,00 | 100.00 | 100.00 | 100.00 | | |
| | number of sample households | 4 | 836 | 37 | 877 | | |

Fable (4): Percentage of households doing jhum and permanent cultivation to total number of households by household, group

| household group | mumber of sample hrus- | percentage of households by type of cultivation | | |
|--------------------|------------------------------|--|----------------|--|
| group | holds | jhum | permanent | |
| | (2) | The second secon | (4) | |
| schaduled; caste | 4 | | 0.23 | |
| 2. scheduled tribe | 8 3 6. | 60.32 | 61. 24 | |
| 3. others | 3 7 | 0.80 | 1.60 | |
| 4. total | ê77 | 61.12 | 63 . Q7 | |

Table (5): Average size of land possessed per household, average size of land per household under permanent cultivation, average size of land or household under jhum cultivation by household group

| Stoto : Maghalaya | | no. of sample villages : 158 |
|--------------------|--|--|
| household group | average cize ti tand presessed per household (hectares 0.00) | average size average size of land of land per household per household under perman- under jhum ent cultivation cultivation (hectares 0.00) (hectares 0.00) |

| | (1) | (2) | (3) | (4) |
|----|-----------------|-------|----------------|-------------|
| 1, | scheduled caste | 0.04% | C 01 | |
| 2. | scheduled tribe | 1.55 | ଼ . 68ି | 0,65 |
| 3. | others | 0.02 | 0.02 | 0.00% |
| 4. | total | 7.48 | 0.65 | 0.60 |

National Sample Survey, July 1977 - June 1978

Table (6): Percentage distribution of households reporting availability of irrigation facilities by source of irrigation and type of cultivation

State : Meghalaya no. of sample villages: 158 type, of cultivations source of inrigation . jhun permanent 37.87 channel 27.18 2: spring 3. tank 4. woll tube-well other sources 34.95 7. 100.00 **s** 1 1 Table (7): Percentage distribution of households by extent of use of improved seed and type of cultivation. State : Mechalaya no. of sample villages: 158 type of cultivation extent of use of improved seed jhun permanent (\top) -1. entire anes 0.72 half or more area 3.25 less than half area .96:03 not used 100.00 120.00 total 100,00

National Sample Surray, 32nd Round, July 1977-June 1978

Table (8): Percentage distribution of households using green manusc and cowdung by extent of use and type of cultivation.

State : Meghalaya

no. of sample villages: 158

| type of cultivation | | | | | |
|----------------------------|--|---|---|--|--|
| | jhun | pern | anent | | |
| gruen manu fie : | ර යෙදි | green nanure | cowdun@ | | |
| (2) | (3) | (4) | (5) | | |
| , i | - | 0.72 | 5.42 | | |
| 1.49 | 2.43 | 3.80 | 5.97 | | |
| , , , | 0.37 | 0.36 | 13.75 | | |
| 98.51 | 97.20 | 95.12 | 74.86 | | |
| 100.00 | 100.00 | 100,00 | 100,00 | | |
| | @r.sn manufie: (2) 1.49 2.51 | jhum gr.en manufie (2) (3) 1.49 2.43 - 0.37 98.51 97.20 | jhum perm graen green manure (2) (3) (4) - 0.72 1.49 2.43 3.80 - 0.37 0.36 98.51 97.20 95.12 | | |

Table (9): Percentage distribution of total man days of work by type of labour input and type of operation

State : Meghalaya

no. of: manple villages: 158

| type of labour input | | type | of opera | tion | | | |
|----------------------|-----------|----------------------|-----------------|----------------|-----------------|------------|-------|
| | | pre-sewing operation | s o wing | weeding | hærves- ting | others all | |
| | 1) | (2) | (5) | (4) | (5) | (6) | (7) |
| 1. | household | 87.28 | 85.97 | Ø1.23 Ø2.23 | 93.40 | 83,18 | 85.24 |
| 2. | hired | 12.72 | 14.03 | 15,67 | 16.60 | 16,82 | 14.76 |
| 3 • | total | 100000 | 100.00 | 100.00 | 100.00 | 100: 99 | 10000 |

Narayan/

National Sample Survey, 32nd Round, July 1977-June 15.8

Table (10): Average yield of crop per household, per reporting household and number of reporting households by type of crop and type of cultivation

State : Meghalaya

Mo. of sample villages: 158

| 1 | jhum cul | ltivation | - b g | , छहामा | nent culti | vation |
|---------------------------|-------------|-------------------|---|--|-----------------|-------------------------------------|
| crop | crop her | yield of crop per | of re- porting h.h. | average yield of crop per h.h.(kg. 0.00) h | yield of | number of re- porting h.h. |
| (1) | (2) | (3) | (/4) | (5) | (6) | (7) |
| 1. peddy | 494.37 | 591,48 | 448 | 1261,51 | 1532.98 | 455 |
| 2. wheat | - | ** | - | - | - | |
| 3. matzor | 133.77 | 181.98 | 394 | 33,40 | 163.42 | 113 |
| 4. other cereals | 69.97 | 134.42 | 279 | 24.23 | 1914.29 | 7~ |
| 5. m/gram | - | - | - | | ~ | 8-7 |
| 6. moong | - | - | - | | - | *** |
| 7. tur | ₩ | <u>-</u> ∔ | | - | - | == |
| 8. urd | - | - | | == | | - |
| 9. other pulses | . • | - | - | 6.32 | 166.43 | 21 |
| 10. rape seed | | - | - | - | - | - |
| 11. mustard | ** | ₩ | · • • • • • • • • • • • • • • • • • • • | 9.99 | 112.49 | 49 |
| 12. ground nut | ~ | ~ | | • | - | - |
| 13. other oil see | eds1.66 | 20 .2 5 | 44 | 0.15 | 40.00 | 2 |
| 14. potatoes | 233.01 | 21 91. 05 | 57 | 149.04 | 1616.00 | · 51 |
| 15. other vege- tables | 14.56 | 49,41 | 158 | 2.53 | 29.77 | 47 |
| 16. oranges | - | ·- | ** | , | - | ~ |
| 17. pine apples | - | | - | | - | |
| 18. other fruits | - | - | - | == | - | ~ |
| 19. ginger | 211.24 | 56 9. 52 | 202 | 23.58 | 869.33 | 15 |
| 20. chilli | 30.10 | 61.54 | 263. | y. 94 | 57.44 | 9 |
| 21. turmeric | 48.34 | 327.97 | 79 | <u></u> | - | - |
| 22. sugar cane | .1.27 | 113.33 | 6 | a.07. | 40.00 | 1 |
| 23. jute | 2.C9 | 70.13 | 16 | 8.16 | 125.44 | 3 6 |
| 24. hemp | 1.87 | 1 0 00.00 | 1 | • | - | * |
| 25. mestá | | | - | ** | - | - |
| 26. cotton | 14,19 | 76.09 | 100 | 5 7 1 | *** | - |
| 27. tobecco | 0.03 | 5.00 | 3 | C.71 | 56.43 | 7 |
| 28. tea | <u>-</u> | - | - | ~ | * | * |
| 29. tapioca | 98.89 | 389.73 | 136 | n 0.43 | 240.00 | 1 |
| 30. sweet potato | 10.26 | 137.58, | 40 | 14.21 | 413.68 | . 19 |
| 31. arum & other roots | | 188.29 | 156 | 46.53 | 989 . 62 | 26 |
| 32. any other crop | 2.93 | 50.58 | 31 | 45.60 | 754.09 | 3 3 |

Table (11): Percentage distribution of households reporting production of different crops under jhum cultivation by manner of disposal

| State | * | Μı | Jhalaya |
|-------|---|----|---------|
|-------|---|----|---------|

no. of sample villages : 158

| State : M | лятала – | | | no of an | Dre Artre | 18es : 100 |
|--|---|---|---|-------------------------------|--------------|--|
| | number - | | manner | of dispos | al | |
| crop_ | of report- ing house- holds | for consump- tion | for sale or barter | for debt repay- ment | others | total |
| (1) | (2) | (3) | (4) | (5) | (6) | |
| 1. paddy 2. wheat 3. maize 4. other cereals 5. gram 6. moong 7. tur 8. urd 9. other pulses | 394 279 - - | 96.27 79.90 94.41 | 3.51 18.86 5.59 | C.22 | 1.24. | 100.00 |
| 10. rape seed 11. mustard 12. groundnut 13. other oil seed 14. hotatoes 15. other | - - - 44 - 57 | ##(65 12.07 | 95.35 87.93 | | - - - | 100.00 100.00 |
| vegetables 16. oranges 17. pineapples 18. other fruits 19. ginger 20. chilli 21. turmeric 22. sugar cane 23. jute 24. hemp 25. mesta | 158 202 267 79 16 | 80.00 .2.86 46,02 12.50 | 20.00 1.00.00 91.90 53.63 87.50 100.00 100.00 | 11631411111 | 5.24 0.35 | 100.00 100.00 100.00 100.00 100.00 100.00 |
| 26. cotton 27. tobacco 28. tea 29. tapioca 30. sweet potato 31. arum & other roots 32. any other cm | 15 6 | 2.91 33.33 78.49 58.54 62.15 15.15 | 97.09 66.67 21.51 41.46 35.86 84.85 | | 1.99 | 100.00 100.00 100.00 100.00 |

: 62 : National Sample Survey, 32nd Rourd, July 1977 - June 1978

Table (12): Percentage distribution of households reporting production of different crops under permanent cultivation by manner of disposal

State , Meghaltya

no. of sample willages : 158

| | | | | numbe: | r of disp | Cael | |
|-------------|--------------------|--------------------------------------|-------------------------|-----------------------------|-------------------------------|----------------|--------------|
| | c r o p | number of reporting households | for consump- tion | for sale or barter | for debt repay- ment | others | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1. | paddy' | · 45 5 | 85.11 | 12 . 3 6 | 0.56. | 1.97 | 100,00 |
| 2. | wheat | - | - La | - | | | |
| 3∗ | maize | 113 | 76.34 | 22.11 | -1 | 1.05 | 100.00 |
| 4. | other ceresls | 7 | | - | - | 100,00 | 100.400 |
| 5. | grem | 27-1 | | - | - | - | |
| 6. | noong | _ | - | 1 -4 | _ | F20 | Per |
| 7. | tur | _ | | need . | - | | |
| 8. | urd | Nas. | - | • | - | - | - |
| 9. | other pulses | 21 | - | 100.00 | | | 100.00 |
| 10. | rape seed | | _ | - | - | - | T |
| 11. | mustard | 49 | ,00 . | 96.00 | - | 2.00 | 100,00 |
| 12. | ground mut | | - | *** | - | - | re- |
| 13. | other oil seeds | 2 | | 100+00 | - | mays. | 100,00 |
| 14. | potatoes | 51 | 7.27 | 54.55 | | 38.18 | 100,00 |
| 15. | other veget whies | 47 | 6 ; ₄21 | 29•47 | - | 6.32 | 100.00 |
| 16. | orenges | Per/y | | • | ** | <u>-</u> | - |
| 17. | pine apyles | - | | - | - | - | 140 |
| 18 | other fruits | - | 6.06 | 78 .7 9 | - | 15.15 | 100.00 |
| 19. | ginger | 15 | | 13.33 | - | 86.67 | 100,00 |
| 20. | ohilli | 9 | 90.00 | 10.00 | (= | - | 100.00 |
| 21. | turmeric | - | prom | m | - | - | |
| 22. | augar cane | 1 | _ | 100,00 | | ! | 100,00 |
| 23. | ງແວອ | 36 | 3•57 | 92.00 | - | 3.57 | ないもつい |
| 24. | hemp | - | <u>⊢</u> | ₩. | H | | _ |
| 25. | m e st a | | - | | ₩ | _ | |
| 26. | cotton | • • | - | - | ₩ | 140 | - |
| 27 . | tobacco | 7 | 14.29 | 85.71 | - | | Ţ |
| 28. | tea | - | 2-1 | - | I | | |
| 29. | tapioca | 1 | 20,00 | 80,00 | <u> </u> | | 100±00 |
| 3 0. | aweet putatoes | 19 | 33.33 | 66 . 67 | - ' | | 100.00 |
| 31. | arum & other roots | 26 | 43.18 | 9.09 | - | 47.73 | لاشاه لادا |
| 32. | any other crop | 3 5 | 8,55 | 91 - 45 | ** | - | انانون) |

National Sample Survey, July 1977 - June 1978

Table (13): Percentage distribution of households practising jhum cultivation by household group and number of plots cultivated.

State : Meghalaya

no, of sample villages: 158

| | household group | per | rcentage o | f h.h. cultiva | by no. ted | . of plot | 8 |
|------------|----------------------|----------|------------------------|-------------------|-----------------|------------------------|----------|
| | • | 1 9 | F. 23 | <i>5</i> | 4: | . 5 & abo | ve total |
| | (1) | (2) | (3) | (4) | (5) | <u>(6)</u> | (7) |
| 1. | schedulegoaste | ** | • | F-4 | *** | | _ |
| } . | scheduledtribe | 74 23 | 19.14 | 6.64 | - | - | 100.00 |
| i | others | 73.69 | 24.56 | 1.75 | e-stage. | - | 109'95 |
| | total | 74,12 | 20.13 | 5.75 | ' <u>`</u> | - | 100.00 |
| | Dable (14) : Averber | of repor | e of rutu tiry hous | or (Mr.) | per l by ind | nousehold lustry gr | and nur |
| | State : Meghalays | 1 | no | o. of sa | mple v | illages | : 158 |
| | industry group | | \$1.95 P | ber of | | verage v | 4.7 |

| | industry group | number of households | average value of output((%.) per household |
|----|----------------|-------------------------|---|
| | | (2) | (3) |
| Гъ | agriculture | 822 | 2869 |
| 2, | mining: 4 | - | - |
| 3. | ranufacture | 12 | 33 |
| 4. | construction | 3 | 10 |
| 5. | trade | 20 | 34 |
| 6. | transport | ** | - |
| 7. | sorvices | 3 | 21 |

Narayan/

Netfinal Semple Survey, 32nd Round, July 1977 - June 1978

Table (15) : Average income (in $\Re s_{2}$) earned per household and number of reporting households by source of income

| no. of sem | le villages : 158 |
|---|--|
| everage income(Ms.) earned per household | number of reporting households |
| (2) | (3) |
| 1982 | 760 |
| 494 | 823 |
| 102 | 41 |
| 840 | 338 |
| 26 | 27 |
| 3444 | 833 |
| | everage incone(Ms.) earned per household (2) 1982 494 102 840 26 |

APPENDIX III

FACSIMILE OF SCHEDULE OF INVESTIGATION

GOVERNMENT OF INDIA NATIONAL SAMPLE SURVEY: 1977-78 Schedule 16.4: Integrated household Schedule

RURAL

THIRTYSECOND ROUND

| ~ | | isekold | | | | | |
|--|---|--|--|--|--|--|--|
| | 10. | district | | | | | |
| | 11. | tehsi] | The state of the s | | | | |
| | | | - · · | | | | |
| | <u></u> | | | | | | |
| | | | | | | | |
| | 14. | name of head : | | | | | |
| | | : | 10,700 | | | | |
| | 115. | name of informan | t : | | | | |
| | 16. | informent's rela | tionto | | | | |
| acterist | 1cs | | | | | | |
| | 8. | household group | code 2_/ | | | | |
| - | 9. | name of tribe : | R. | | | | |
| | 10 | tribe one | | | | | |
| um | 11. | household monthl | y per | | | | |
| r- | | | | | | | |
| The second secon | | | | | | | |
| 1- | | | | | | | |
| on | 14. place from where migrated code 5_/ | | | | | | |
| ield wor | k | | | | | | |
| | | Assistant Superintendent | Superinten- dent | | | | |
| | | (3) | (4) | | | | |
| | | | | | | | |
| | | | | | | | |
| x | | | | | | | |
| Х. | · | | | | | | |
| 1 | 111111111111111111111111111111111111111 | | × | | | | |
| 38800000 <u>0.0000</u> | 7 | , | | | | | |
| | um r-2) i- on leld wor invest tor '2) | 12. 13. 14. 15. 15. 16. acteristics 8. 9. 10. um 11. r-2) 1- 13. on 14. Yeld work investigator '2) | 14. name of head: 15. name of informant 16. informant's relation (code) 1/2 acteristics 8. household group 9. name of tribe: 10. tribe cde 11. household monthly capita expendity 12. migration code 2/3 1- 13. reason for migration on place from where code 5_/ 1 eld work investigator Assistant Superintendent 12) (3) | | | | |

^{*} delete whichever is inapplicable

| | | cultive typ | tion e |
|-------------|---|---|---|
| srl. no. | item | jhum | perma nent _{ij} |
| (1) | (2) | (3) | (多) |
| 1. 1.1 | irrigation facilitics whether required (yes-1, no-2) | | |
| 1.2 | if yes, whether available (yes-1, no-2) | | |
| 1.3 | if aveilable, source: (channel 1, channel & others-2 spring-3, spring & others-4, tank-5, well-6, tube-well-7 others-8) | | |
| 2. | ordinary seed | 38 | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |
| 2.1 | extent of use (entire eres-2), half or more-2, less than half- 3, nil-4) | | |
| 2,2 | scurce (Govt.source-1, village community-2, own holding-3, nei- ghbours-4, establishments/. thers-6 | | |
| 3. | improved seed | | |
| 3.1 | whether used (yes-1, no-2) | | N. V. (1881 19420 1 1 18 1 |
| 3.2 | if used, extent of use(entire area-1, half or more-2, less than half -3) | | |
| 3.3 | source code (same as 2.2) | | , |
| 3.4 | if not used, reason (no-knowledge-1, not interested-2 not certain about benefits-3,short supply-4,not available-5, lack of funds-6,others-7) | | |
| 4, | green manure use code (same as 2.1) | | |
| 5. | cow dung use code (same as 2.1) | | |
| 6.1 | chemical fertiliser whether used (yes-1, no-2) if used, extent code (same as 3.2) | | |
| 6,2 | if used, extent code(same as 3.2) | | |
| 6.3 | source (agri.depot-1,co-opratives-2, village commu- nity-3,dealers authorised by the Govt:-4,other commercial establishments-5, others-6. | | |
| 6.4 | if not used, reason (same as 3.4) | | |
| 7. | pesticide etc. | <u> </u> | A Company of |
| 7,1 | use code (used-1,not-used-2,not required-3) | | |
| 7.2 | if used , type (specify) | 1 | |
| 7.3 | source (Govt, depot-1, co-operative-2, others-3) | | |
| 7.4 | if not used, reason (same as 3.4) | 1 d 1 d 1 d 1 d 1 d 1 d 1 d 1 d 1 d 1 d | |

| srl, | cult1 | crop | | unit | seed:local unit | | total seed quentity | | seed purcha÷ sed | |
|--|-------|------|-----|---------------------------------------|-----------------------|--------------------|-----------------------|------------------------|---------------------|------|
| no. va- of tion crop code (a) | neme | code | | weight volume volume remains | unit kg. (0.00) | loc- al unit | stan- dard unit | quan- tity (kgo) | value (Rs-) | |
| (1) | (2) | (3) | (4) | .(5) | (6) | (7) | (8) | (9) | (10) | (11) |
| | | | | | | | | | | |
| we comment | | | | | | | | | | |
| , eks | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| .,, | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

(a) cultivation code : jhum-1, permanent-2

| √ 5_7 total man-days of work (household and hired) indifferent operations of agriculture during current season | | | | | | | | | |
|--|--------------------------------|----------|---------|-----------------|-------------------|----------------------------------|--|--|--|
| type of labour imput | pre-sow- ing opera- tion | . sowing | weeding | harves- ting | all operations | hired la- bour charges(Rs. | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | | | |
| 1. house- hold | | | | | | x | | | |
| 2. hired | | | | | | | | | |

| | | | | | | ехр | endi tur | e(in Rs. |)by type | of n |
|---------------------------|--------------------------------------|-----------|-------|-----------------|-------------------------------|---|----------|--------------------------------|--------------------------------|---|
| item | | <u>it</u> | em de | script: | ion | , | thum pe | | | _ |
| 111 | | | { | 2) | | | 3 | (4) | (5 |) |
| 1, | che | erges fo | r irr | igation | n | | | | | |
| 2. | fer | ~tiliser | and | pestic: | ide | | | | | |
| ٦, | vel | ue of s | eed u | sed | | | | | | |
| 4. | hir | ed labo | ur ch | arges | | | | | | **** |
| 5. | len | d rent, | reve | nue et | C. | | | ···· | | |
| 6. | oth | er expe | nses | for ag | riculture | • | | | 1 | |
| 7. | tot | al expe | nditu | re | | | | | | |
| | | | | | | 1 | | | | |
| | _ | 87 a | uanti | tv and | value o | f crop p | roduced | | | *************************************** |
| | | 8_7 q | | ty and local | value or ùnit | weight of a | | produc- | value of | dispo |
| srl. no. of crop | cul- tiva. tion code (a) | cro | p | | | weight of a loss lunit | total ti | produc- | | |
| of | cul- tiva. tion | cro | p | local | weight | weight of a loss lunit | total : | produc- on stan- dard | of produc- tion | sal |
| of crop | cul- tiva. tion code (a) | nsme | p | local name | weight- volume- number- | weight of a loes1 unit (kg. 0.00) | total ti | stan- dard unit | of produc- tion (Rs.) | sal code |
| of crop | cul- tiva. tion code (a) | nsme | p | local name | weight- volume- number- | weight of a loes1 unit (kg. 0.00) | total ti | stan- dard unit | of produc- tion (Rs.) | sal code |
| no. of crop | cul- tiva. tion code (a) | nsme | p | local name | weight- volume- number- | weight of a loes1 unit (kg. 0.00) | total ti | stan- dard unit | of produc- tion (Rs.) | sal code |
| no. of crop | cul- tiva. tion code (a) | nsme | p | local name | weight- volume- number- | weight of a loes1 unit (kg. 0.00) | total ti | stan- dard unit | of produc- tion (Rs.) | sal code |
| no. of crop | cul- tiva. tion code (a) | nsme | p | local name | weight- volume- number- | weight of a loes1 unit (kg. 0.00) | total ti | stan- dard unit | of produc- tion (Rs.) | sal code |

⁽a) cultivation code : jhum-1, permanent-2.

| Ζ | 9.7 details of jhum plots currently cultiv | ated 1 | by the | hous | sehold | [|
|------|--|---------------------------------------|--------|-------------|---|---------------------------------------|
| 1. | plot number | . 1 | 2 | 3 | 4 | 5 |
| 2. | how many years the plot is being culti- vated in the current cycle | | | | | |
| 3. | how many more years the plot will be culti- vated during the current cycle | | | | | dd√ |
| 4. | total number of years the plot is to be cultivated | | | | | 1 1 |
| 5. | the number of years the plot remained uncultivated before it was taken up for cultivation in the current cycle | | | | | |
| 6. | how many years the plot is to be kept uncultivated if it is cultivated again | | | | | |
| 7. | area of the plot in hectares (0.000) | | | | | |
| | [10] usual crop combination in different of jhum plots | t yea | rs of | cul ti | lvatic | n |
| | combination of crops usually cultivated in crop code/description in box space) | a jh | um plo | t (r | ecord | n |
| | (1) (2) (3) | | (4) | | | |
| 1.in | first year(a) + + + + + | | | | | |
| N. | (b) + + + + | · · · · · · · · · · · · · · · · · · · | | | | |
| 2.in | second year(a) + + + + | 200 | | | | - |
| | (b) + + + + | | | | | |
| 3.in | third year(a) + + + | | | | | |
| | (d) + + + | | | | | |
| | 11.7 particulars of loans outstanding on o | late o | f sur | /ey | 4.0000000000000000000000000000000000000 | |
| | item loan | n u | тр | F | | //00 |
| srl. | THE PARTY AND TH | 3 | | 4 | | 5 |
| (1) | (2) (3) (4) | (5) | | (6) | <u> </u> | 7) |
| 1. | form of loan (a) | | | - Carrier x | | |
| 2. | source (b) | · · · · · · · · · | | | | · · · · · · · · · · · · · · · · · · · |
| 3. | | / 1 | | | | |
| 4. | amount (Rs.) | | | | | |

| | item | | loan | n u | m b e r | , |
|--------|------------------|-----|------|-----|---------|-----|
| rl.no. | description | 1 | 2 | 3 | 4 | 5 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1. | form of loam (a) | | | | | |
| 2. | source (b) | | | | | |
| 3. | purpose (c) | | | | | , |
| .4. | amount (Rs.) | | | | | |

- codes : (a) cash-1; kind-2; cash & kind-3.
 - (b) Government-1; bank-2; co-operative society or co-operative bank-3; village community-4; land lord-5; money lender-6; trader-7; friend/relative-8; others-9.
 - (c) jhum cultivation-1; permanent cultivation-2; other household enterprise-3; festival and ceremony-4; household expenditure-5; others-6.

| <u></u> | demo | graphi | c and | d mig | ration | i par | ticul | 1 | f usual if not tion pa | membe 99 in rticu | rs of col. lars | house 9, mig | ehold gra- |
|---------------|---------------|------------------------|-------------|------------------------|-----------------------|-------------------|--|----------------------|--------------------------------|-------------------------|---------------------------|----------------------------------|----------------------------------|
| ļ | head | - 1, - 2 | | Ø | standard | ode) | (a) | residing enumera- | previou resider | | Ping 19/8 | इक्र | rs of residence |
| serial number | relation to h | sex : male - female | age ; years | marital status code 6/ | education starcode 7/ | occupation (code) | industry (code) | vears since r | state - district code ** | rural – 1 urban – 2 | reason for previous pl | activity prior leaving (code) | particula previous code 10 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | . (13) | (14) |
| | | | , | | | | | - | | | | | |
| |] | | 1 | | | | | | | | | | |
| | <u></u> | | | | | <u>.</u> | | | | | | | |
| | <u> </u> | | <u> </u> | | | | | | | | | | |
| | | | | - | | | | | | | | | |
| | | | | | | | The second secon | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | 1 | | | | | | | 1 | | | | |

^{*} put '99' if residing since birth

^{**} put '9999' for Bangladesh and '8888' for any other country and for other areas put the state district codes provided in the list.

| | [14] value of outpu | it during | the refe | erence y | ear | | |
|-------------|---|--|---------------------|---------------------|---------------------|-----------------------------------|--|
| | name of industry | value (ks.) | n | ame of i | ndustry | | value (Rs.) |
| 1, | agricultural production | | 9. | | | | |
| 2. | forestry, logging, hun- | | 10. | | | | |
| | ting, trapping and game propagation | ــــ نام | 11. othe | | | | ······································ |
| 3, | livestock production | | 12. manu | facture truction | | | |
| 4. | other agriculture | | 14. valu | | | trade | |
| 5. | agriculture total | | 15. valu | ··· | · | trade) | |
| 6. | | | 16. sale | -purchas | e (| trade) | |
| 7 | other mining | 1 | 17. tran | | | | |
| ļ | | | 18. serv | | al | | |
| 8. | mining total - | | 19. gran | d total | | <u> </u> | |
| | [15] disbursement household ent during refere | erprises. | aterials other t | and lab han agri | our char cultura | rges fo l produ | r ction |
| | name of industry | value of mate rials used (Rs.) | ser vi- | tenance charges | other expen- | total of col 2 to 5 (%.) | hired labour charges (R.) |
| | (1)- | (2) | (3) | (4) | (5) | (6) | (7) |
| 1. | forestry, logging, huntin trapping & game propagat | | | | | | |
| 2. | livestock production | | | | | | - |
| 3. | other agriculture | | | | | | |
| 4. | | | j | | | | |
| 5. | other mining | | | | | | |
| | mining total | | | | | | |
| 7. | | | | | | | |
| 8. | | | | | | | |
| 9. | other manufactures | | | | velbra- | | |
| 10. | manufacture total | | | | | | • |
| 11. | construction total | | | | | | |
| | trade total | | | | | | |
| 13. | transport total | | | | | | |
| 14. | services total | | | | | | |
| | | | | | | 101 | |

| <u>7</u> 16 | J summa durin | ry state g refere | ment of nce per | inco | me: | _ ₹7. | \mathbf{r} | xpense ent, t eferen | ax, ei | tc. dı | nter iring | est, | | |
|---------------|-------------------|--|--|----------------|-------------------------|---------------------------------------|---------------------------------------|--|---------------------------------------|----------------|---------------------|---|--|--|
| | i t | e m | | inc (Rs | | . 1 | l t | ė, mi | | 1 | qend ure (R.) | 1- | | |
| | (1 |) | | (| (2) | | | (1) | | | | (2) | | |
| 1. ag | gricultu: | ral prod | uction | | | 1. in | tere, | st paid | i | | • | | | |
| 2. o | ther agr | iculture | | | <u> </u> | | | <u> </u> | | | <u> </u> | | | |
| 3. o | ther ent | e r prises | | | 2. re | nt p | aid | | | | | | | |
| 4. w | age inco | ne Î | | | | Ŧ. | | | <u> </u> | . , | BEATER VI | | | |
| 5. o | ther inc | ome | 700 100 Jan | | | 3. ta | x,li | cence : | etc.pa | aid | | | | |
| 6. to | otal inc | ome. | | 1, | | | | · · | | | | | | |
| ** | | births | | the 1 | ast 365 | days | ende | ed on . | | | | | | |
| , | | othe | ŗ | c l | h 1 1 d | | dat | te of l | irth | | reported | no2) | | |
| 5 | er | , | | | er. | - 5 | • | , | • | | or | 4 | | |
| serial number | number block | a : | | <u> </u> | number block 137 | male-1, female- | | | | 12/ | r e | no | | |
| TE | 7 gg n | r in | ţo | | Jen J | H B B | | | | 0 | P. O. | (yes-1,) | | |
| ► 13 - 귀 | 4.4.7. | hei grs | order birth | status code | e H | ** | | nonth | 냚 | place birth | whether for reg | es- | | |
| Sel | serial as in t | age of mother years | oro bil 1 | stati cođe | serial as in b | sex | day | na ot | year | T To | 불압 | ے | | |
| (1) | | (3) | (4) | (5) | (6) | (7) | (8) |) (9) | (10) | (11) | (| 12) | | |
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| | <u>/</u> 19_7 a | eaths du | ring th | e las | t 365 d | lays er | nded | on | | | 4 9 4 | , <u>, , , , , , , , , , , , , , , , , , </u> | | |
| | | | - | <u>~</u> α | | 101 | <i>7</i> 9. | on on | decte | of de | ath. | 13/ | | |
| oer. | | | | 91e-2 | 면 | 4-1 | status | her reported registration | | | | death | | |
| number | n a | m e | | male femal | age at death (years) | 5. | st | repuirent repuir | | | ļ | | | |
| al r | | | ation | | T in it | age(weeks in col. | ਰ | whether for regi yes-1, r | | <u>ਦ</u> ੍ਹ. | . • | place of | | |
| Lia | | | rat be | .** Sd | Ç _o | 9 d | marital | eth r r s-1 | day | month | ear | acé | | |
| seri | <u> </u> | | <u> </u> | xəs (4) | | B B B B B B B B B B B B B B B B B B B | | | , , , , , , , , , , , , , , , , , , , | | Α, | | | |
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| 1 | | | W. M. W. | | | | · · · · · · · · · · · · · · · · · · · | | | | l | | | |

Code List

| 1. | informants relation to bead | • | self-1; other household member-2; others-5. |
|-------------|--------------------------------------|--------------|---|
| 2, | household group code | ţ | scheduled caste-1; scheduled tribe-2; others - 3. |
| 3. | migration_code | 1 | period since migrated - less than 1 year-1, 1 year to less than 2 years-2, 2 years to less than 3 years-3, 3 years to less than 5 years-4, 5 years and above-5; never migrated - 6. |
| <i>L</i> L_ | reason for migration | : | for jhum cultivation-1; for permanent cultivation-2; for other occupations-3; for other purposes-4. |
| | place from where migrated code | ; | from a neighbouring country-1; from within the country; from a village/town within 15 k.m. of a neighbouring country-2; from any other village/town of the same state/union teritorry-3; from any other village-4; from any other town-5; others - 6. |
| 6 | marital status | . 2 | never married-1; married-2; widowed; divorced and separated-3. |
| 7. | education standard | : | illiterate-1; literate but below primary-2; primary-3; middle-4; secondary-5; graduate and above in - (i) agriculture-6; (ii)engineering and technology-7; (iii)medicine-8; other subjects - 9. |
| 8. | reason for leaving previous place | : | moved from border areas due to difficulties consequent to pertition-1; for better economic prospects-2; on marriage-3; migrated with earning member/s of the hous hold + 4; other reasons - 5. |
| 9 <u>.</u> | activity prior to leaving | .\$. | jhum cultivation -1; permanent cultiva- tion-2; other griculture-3; wage paid labourer in agriculture-4; self employment in non-agriculture-5; wage paid employment in non-agriculture -6; seeking job-7; student -8; others -9. |
| 70¦ | particulars of previous residence | ŧ | located in a neighbouring country-1; a of village/town bordering within 15 k.m./a neighbouring country-2; from other hill areas of the country-3; other areas of the country (in the plains)-4; any other area - 5. |
| 11 | status code | : | born alive and still alive-1; born alive since dead-2; born dead-3. |
| 12 | place of birth | : | normal residence of parents-1; normal residence of mothers father-2; hospital-3; others - 4. |
| ¦⊋e | place of death | : | household - 1; hospital - 2; others - 3. |