## Institute for Social and Environmental Research-Nepal Labour Out-Migration, Agriculture Productivity and Food Security Wheat Crop Cutting-Season1

## Codebook

| Data Set Name:   Wheat Crop Cutting_Season1_px_07172018   Households   | Data Description        |  |     |
|--|-------------------------|--|-----|
| Unit of observations:   Number of observations:   114  | -                       | Wheat Crop Cutting Season1 px 07172018           |     |
| Number of variables:   11  | Unit of observation:    |  |     |
| Unique identifier:   Stata   Data Format:   Stata   Data collection:   2016  | Number of observations: | 114  |     |
| Unique identifier:   Stata   Data Format:   Stata   Data collection:   2016  | Number of variables:    | 11   |     |
| Data Collection:   Stata   |                         | hhid   |     |
| Date   Date   Date   Date   Date   Date   Date   Date   O2016-169017   |                         |  |     |
| Household ID Number  |                         |  |     |
| Date   Date   Date of Crop Cutting (Nepali Date)   |                         |  |     |
| Date of Crop Cutting (Nepali Date) 20721213-20721228 YYYYMMDD  Team_Leader  I and the control of the co | hhid                    |  |     |
| Team_Leader  |                         | 002016-169017                                    | 114 |
| Team_Leader  Team Leader's ID  21  29  37  129  166  249   Land_Type  Type of Land  I Irrigated Khet 2 Rainfed Khet 3 Irrigated Bari 4 Rainfed Bari 4 Rainfed Bari  Use of Chemical Fertilizer  O Not Used 1 Used  Variety_Name  Name of Variety/Local Name 1301 Seto Gahu 1302 Rato Gahu 1302 Rato Gahu 1302 Rato Gahu  Variety_Type  Type of Variety (Seed) 1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Meter r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed   | Date                    |  | 114 |
| 21   29   37   129   166   249   |                         | 20721213-20721228 YYYYMMDD                       | 114 |
| Chemical_Fertilizer  | Team_Leader             |  |     |
| 37   129   166   249   |                         |  | 31  |
| 129   166   249  |                         |  | 4   |
| Land_Type  Type of Land  1 Irrigated Khet 2 Rainfed Khet 3 Irrigated Bari 4 Rainfed Bari  Use of Chemical Fertilizer  Use of Chemical Fertilizer 0 Not Used 1 Used  Variety_Name  Name of Variety/Local Name 1301 Seto Gahu 1302 Rato Gahu 1302 Rato Gahu 1302 Rato Gahu 1302 Rato Gahu 1304 Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed  |                         |  | 14  |
| Type of Land  I Irrigated Khet 2 Rainfed Khet 3 Irrigated Bari 4 Rainfed Bari  Chemical_Fertilizer  Use of Chemical Fertilizer 0 Not Used 1 Used 1 Used  Variety_Name  Name of Variety/Local Name 1301 Seto Gahu 1302 Rato Gahu 1302 Rato Gahu  Variety_Type  Type of Variety (Seed) 1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Meter r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed  |                         |  | 41  |
| Type of Land  1 Irrigated Khet 2 Rainfed Khet 3 Irrigated Bari 4 Rainfed Bari  Chemical_Fertilizer  Use of Chemical Fertilizer 0 Not Used 1 Used  Variety_Name  Name of Variety/Local Name 1301 Seto Gahu 1302 Rato Gahu 1302 Rato Gahu 1 Local 2 Improved 3 Hybrid  Production_im_Kg_10_Meter r_Square  Production in Kg_10 Meter Square Plot  Moisture Percentage of Harvested Seed  |                         |  | 9   |
| 1 Irrigated Khet   2 Rainfed Khet   3 Irrigated Bari   4 Rainfed Bari   4 Rainfed Bari   4 Rainfed Bari   4 Rainfed Bari   |                         | 249  | 15  |
| 1 Irrigated Khet   2 Rainfed Khet   3 Irrigated Bari   4 Rainfed Bari   6 Not Used   1   | Land_Type               | Type of Land                                     |     |
| Chemical_Fertilizer  Use of Chemical Fertilizer  0 Not Used 1 Used  Variety_Name  Name of Variety/Local Name 1301 Seto Gahu 1302 Rato Gahu 1302 Rato Gahu 1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed   | - · ·                   | 1 Irrigated Khet                                 | 55  |
| Chemical_Fertilizer  Use of Chemical Fertilizer 0 Not Used 1 Used  Variety_Name  Name of Variety/Local Name 1301 Seto Gahu 1302 Rato Gahu 1302 Rato Gahu 1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Mete r_Square  Prod_Moisture  Moisture Percentage of Harvested Seed  |                         | 2 Rainfed Khet                                   | 6   |
| Chemical_Fertilizer  Use of Chemical Fertilizer  0 Not Used 1 Used  Variety_Name  Name of Variety/Local Name 1301 Seto Gahu 1302 Rato Gahu 1302 Rato Gahu  Variety_Type  Type of Variety (Seed)  1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed   |                         | 3 Irrigated Bari                                 | 42  |
| Variety_Name  Name of Variety/Local Name 1301 Seto Gahu 1302 Rato Gahu 1302 Rato Gahu 1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Mete r_Square Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed   |                         | 4 Rainfed Bari                                   | 11  |
| Variety_Name    Name of Variety/Local Name   1301 Seto Gahu   1302 Rato Gahu   | Chemical_Fertilizer     | Use of Chemical Fertilizer                       |     |
| Variety_Name  Name of Variety/Local Name  1301 Seto Gahu 1302 Rato Gahu  1302 Rato Gahu  Variety_Type  Type of Variety (Seed)  1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed   |                         | 0 Not Used                                       | 20  |
| Type of Variety (Seed)  1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  1 Local 2 Improved 3 Hybrid  Total Production in 10 Meter Square Plot (5m*2m) 0.310-3.505 kg/10 m²  Moisture Percentage of Harvested Seed  |                         | 1 Used   | 94  |
| Variety_Type  Type of Variety (Seed)  1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed  | Variety_Name            |  |     |
| Variety_Type  Type of Variety (Seed)  1 Local 2 Improved 3 Hybrid  Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  Type of Variety (Seed)  1 Local 2 Improved 3 Hybrid  Total Production in 10 Meter Square Plot (5m*2m) 0.310-3.505 kg/10 m²  Moisture Percentage of Harvested Seed  |                         |  | 67  |
| Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  1 Local 2 Improved 3 Hybrid  Total Production in 10 Meter Square Plot (5m*2m) 0.310-3.505 kg/10 m²  Moisture Percentage of Harvested Seed   |                         | 1302 Rato Gahu                                   | 47  |
| Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  2 Improved 3 Hybrid  Total Production in 10 Meter Square Plot (5m*2m) 0.310-3.505 kg/10 m²  Moisture Percentage of Harvested Seed   | Variety_Type            |  |     |
| Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed  |                         |  | 94  |
| Production_in_Kg_10_Mete r_Square  Production in Kg_10 Meter Square Plot  Prod_Moisture  Total Production in 10 Meter Square Plot (5m*2m) 0.310-3.505 kg/10 m²  Moisture Percentage of Harvested Seed  |                         |  | 20  |
| r_Square  0.310-3.505 kg/10 m <sup>2</sup> Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed   |                         | 3 Hybrid   | 0   |
| Production in Kg_10 Meter Square Plot  Prod_Moisture  Moisture Percentage of Harvested Seed  |                         | Total Production in 10 Meter Square Plot (5m*2m) |     |
| Square Plot       Prod_Moisture     Moisture Percentage of Harvested Seed  | r_Square                | $0.310-3.505 \text{ kg/}10 \text{ m}^2$          | 114 |
| Prod_Moisture  | =                       |  |     |
|  |                         |  |     |
| 9.84-28.04 Moisture Percentage   | Prod_Moisture           |  |     |
|  |                         | 9.84-28.04 Moisture Percentage                   | 114 |
|  |                         |  |     |

| Production_in_kgper_10<br>_meter_                        | Productivity at 12% moisture content (kg per 10 meter square) |     |
|--|---|-----|
| Production in kg_ per 10 meter square plot at 12 percent | Production*(100-moisture)/(100-12)                            |     |
| moisture   | $0.303$ - $3.486 \text{ kg/}10 \text{ m}^2$                   | 114 |
| Production_in_kgper_hect<br>area                         | Productivity in kg per hectare ( Prodn12mos*1000)             |     |
| Production in kg_ per hectare at 12 percent moisture     | 302.60-3485.88 KG / hectare                                   | 114 |