**GROUP INTERVIEW [Agro-pastoralists, Haleydege, Ambash Bonta Kebele]**

**Sustainability Indicators**

**Environmental indicators**

1. Average land size for a household is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What level of pesticides (kg) do you agree to be generally tolerable that beside the effects, it is still able to generate and environmental, social and economic balance?
   1. 0-20
   2. 20-40
   3. 40-60
   4. 60-80
   5. 80-100
3. If you use pesticides, what do you face as the side effects?
   1. Disease spread/death of animals
   2. Water pollution
   3. Reduces soil fertility
   4. Animal death
   5. Illness on farmers
   6. **Others (the crops die/wilt)**
4. List extinct grazing plant species over the past 25 years if you know any.

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1. Could you identify how many grazing plant species that currently available in the fields?
2. What are your different water sources? (Rank them)

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| **Rank** | **Rainy season** | **Dry season** |
| 1st |  |  |
| 2nd |  |  |

1. In your opinion, what must be done to ensure adequate water supply for the animals and crops all year round by? Rank them
   1. Community:
   2. Government:
   3. NGOs:
   4. Individual agro-pastoralists:
2. How much fodder do you agree upon as optimum per animal per day as well as available per farmer/day across the different seasons? Write three estimates by rank from pastoralist to agro pastoralist and then landless intensive?

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| **Animal specie** | Estimated amount of fodder consumed per animal species per day (nFci/ kg) | | Estimated amount of fodder available to the farmer per day (nF/kg) | |
| **Wet Season** | **Dry Season** | **Wet season** | **Dry season** |
| Cattle |  |  |  |  |
| Goat |  |  |  |  |
| Sheep |  |  |  |  |
| Camel |  |  |  |  |
| Donkey |  |  |  |  |
| Chicken |  |  |  |  |

1. Rank these animals in order of importance?

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| --- | --- | --- |
| **Order of importance** | | |
| **Environmental** | **Economic** | **Social** |
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**Economic Indicators**

1. Could you submit the market prices (ETB) for the different products you sell from you farm?
2. Meat/kg:
3. Milk/l:
4. Manure/kg:
5. Eggs/tray:
6. What share of your farm inputs must be local so that under extreme conditions inputs will be readily available and affordable costs?
7. What is the minimum amount in ETB a farmer should invest per year to ensure growth of his livestock/farm?
   * 1. Agro pastoralist:
8. What is the average minimum farm income in ETB per farmer to be earned per year in order to be able to manage the animals/farm?
9. Agro pastoralist:
10. How much in ETB of your farm inputs must be local so that under extreme conditions inputs will be readily available at affordable costs? **(skipped, participants unable to estimate)**
11. Agro pastoralist:
12. How much money do you think a farmer must invest and save per year in order to be confident of prosperity?
13. Agro pastoralist:
14. What is the maximum number of animals per year that a farmer should sell so that the farm size and survival is guaranteed?
15. Agro pastoralist:
16. What is the maximum % of your livestock that you must not exceed to sell so that your farm size and survival is guaranteed?

**Social Indicators**

1. What is the minimum income needed by a farmer in this district per year to support a healthy life and to pay for other services needed by members of the family to which he or she is responsible for?
2. Agro pastoralist:
3. Which farming system do you generally prefer within your culture and convenience of your people? Rank
4. What are the livelihood characteristics of farmers as defined by your community for the following?
5. Rich farmers:
6. Medium income farmers:
7. Poor farmers:
8. What accounts for the income gap between farmers...? Education, inheritance, family size or what….? Is this gap causing any form of social tensions?

1. What is the average number of meals per person per day in?
2. Agro pastoralist:
3. How many meals are adequate for a household to be well fed per day?
4. Which land tenure system or a combination is needed for efficient farm management and survival?