Appendix 1. Survey questions used in the field data collection campaigns. This survey was translated to Amharic and contextualized to cultural norms in the region (e.g., names of specific community organizations, specific types of social interactions, etc.). An IRB approved informed consent was read in Amharic prior to each engagement.

**Household Questions**

0) What is the gender of the participant?

Male [ ]
Female [ ]

0.1) Are you head of household?

Yes [ ]
No [ ]

0.2) If no, what is the gender of the head of household?

Male [ ]
Female [ ]

1) How many people live in your household?

2) How many adults?

3) What are the three principal agricultural or livestock activities in this community?

4) What are the two most important problems facing members of this community for getting their products to market and making a profit?

5) In the last three years, has the community led efforts to address an agricultural issue, market issue or other community problem?

Yes [ ]
No [ ]

5a) What issue or issues?

5b) Was/were the initiative(s) successful?

<table>
<thead>
<tr>
<th>Initiative (a)</th>
<th>YES</th>
<th>NO</th>
<th>ON GOING</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td>Initiative (b)</td>
<td>[ ]</td>
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</table>

5c) What are the two main problems this community needs to solve?
6) Do agricultural workers/producers in this community receive technical assistance?

Yes [ ]
No [ ]

5a) If yes, who is the main provider? _______________________________

7) Does this community have any type of agricultural cooperative?

Yes [ ]
No [ ]

7a) If yes, what is its purpose? _______________________________

8) In the last three years, the harvests/yields have:

Increased [ ]
Decreased [ ]
Remained the same [ ]

9) In the last three years, the sales of agricultural/livestock products in this community have:

Increased [ ]
Decreased [ ]
Remained the same [ ]

10) In the last three years, the overall quality of life in this community has:

Increased [ ]
Decreased [ ]
Remained the same [ ]

11) Do members of the household participate in an iddr?

Iddr Y/N
if yes, how many,
if no, why?

12) Does your household hire labor for the household or farm?

12a) What kind of labor?
12b) Where do the laborers come from?

13) Does your household participate in debow (local form of barter)? If so, for what?

14) Does your household participate in a development team (use regional term)?

14a) If yes, is a member of your household a leader for a development team?
15) How many livestock do you own?

- Goats [   ]
- Sheep [   ]
- Cattle [   ]
- Horse [   ]
- Chicken [   ]
- Other [   ] specify(____________________)

16) What forms of income, other than through agriculture or livestock, do you use to support your household?

17) Who participates most in addressing agricultural issues, market issues, and related problems in the community?

- Men [   ]
- Women [   ]
- Men and women equally [   ]
- Neither participates [   ]

18) How does this community manage grazing in agriculture fields?

- As a community [   ]
- Individually [   ]
- Grazing is not managed [   ]
- Other [   ] Specify(____________________)

19) If grazing occurs, from where do the livestock come? (if multiple locations, specify)