Appendix
TOOLS FOR DATA COLLECTION

Department of Sociology
Assam University, Silchar

Communication and Agricultural Development in Sivasagar District of Assam: A
Sociological Study

Name of the Researcher: Kanchan Gogoi Name of Supervisor: Prof. G. Ram

INTERVIEW SCHEDULE

I. PERSONAL DATA

1. Name & Address of the Head of Household:

2. Name of the Respondent:

3. Relation with the head:

4. Mobile No.:

5. Name of the Village:

6. Age:

II. SOCIAL BACKGROUND


10. Sect 11. Mother Tongue: 12. Caste category:

13. Marital Status: 14. Language Known: 1 Assamese 2 Hindi 3 English

4 Oriya 5 Others


16. Occupation:

A. Living Standard

17. Please state the ownership of your house:

(a) Own (b) Rented (c) Rent-free house (d) Any Other------

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18. House Type:
   (a) Kachcha    (b) Pacca    (c) Semi- Pacca    (d) Assam Type
   (e) RCC        (f) Other-------

19. No. of living room excluding Kitchen and Bathroom:

20. Separate Kitchen:
    (a) Yes    (b) No

21. Household assets:
   viii. DTH ix. Other item (iron, immersion rod, Bicycle, Torch, Sewing machine,
   Refrigerator, Air cooler, Aqua guard, Geizer, Sofa, Dining Table, Cooker, VCD
   player etc.)

22. Electricity Facility:
    (a) Yes    (b) No

23. Type of latrine facility in your house:
    (a) Sanitary    (b) Non-sanitary    (c) Open Defecation.

B. Food Pattern

24. State the Sources of Drinking Water:
    (a) Ring well (b) Deep tube well (c) Kachcha well
    (d) Pond      (e) River         (f) Other-------

25. Method of Purifying Drinking Water:
    (a) Strain by cloth (b) Water fitter (c) Boiling
    (d) Electronic purifier (f) Precipitation (g) Alum (h) None

26. What type of fuel do you use for cooking purpose?
    (a) L.P.G.    (b) Chula        (c) Kerosene    (iv) Fire wood

27. What means of lighting do you have?
    (a) Kerosene    (b) Electricity    (c) Candle    (d) Gobar Gas    (e) Other

C. Economy

28. What is the source of Income of your Family?
    (a) Cultivation    (b) Service    (c) Business    (d) Labour

29. What is the Yearly Income of your Family (In Rs.)? Rs......................... 290
30. Do you possess any landholding in the Village? (a) Yes  (b) No

31. If yes, what is the total size of land holding (in Bigha/ Katha)?

<table>
<thead>
<tr>
<th>Total land</th>
<th>Homestead land</th>
<th>Agricultural land</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Cultivable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Non cultivable</td>
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</table>

32. Do you possess any land in the Town  
(a) Yes  (b) No.

33. In which town you have land? (a) Amguri  (b) Jorhat  (c) Sivasagar

34. If yes, what is the total size of land? (in Bigha/ Katha)

<table>
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35. Control over Income/ Business  (a) Male  (b) Female  (c) Both

36. Do you use fertilizers in your crops?  
(a) Yes  (b) No

37. If yes, what are these?

38. Do you use any Insecticides or Pesticide in your paddy fields?  
(a) Yes  (b) No

39. If yes, what are these?

**D. Religious Activities**

40. What religious activities do you perform in your family?

41. What are the fairs and festivals you celebrate in a year?

42. What are the Rites and Rituals you perform in a year?

43. Is there any Religious Priest in your Area/ Village?  (a) Yes  (b) No

44. If Yes, What are the duties performed by him?


**E. Marriage**

46. What type of Marriage has taken place in your family?  
(a) Conventional  (b) By Court Marriage  (c) In Temple
47. Is there any spouse in your family from other community? (a) Yes (b) No

48. If yes, who is he/she?

49. And from which community?

50. Any divorce has taken place in your family? (a) Yes (b) No

51. If yes, reason for the divorce. (a) Dowry (b) Superstitious belief

52. Any re-marriage has taken place in your family? (a) Yes (b) No

53. If yes, what is it?

54. Do you take bride price? (a) Yes (b) No

55. From where you married? (if married) : (a) Town (b) Village

56. Distance from your home (a) 10 km (b) 20 km (c) 30 km (d) above 30

**F. Community Organization**

57. Is there any Traditional Social Organization in your Village/ Town? (a) Yes (b) No

58. If Yes, What is/ are this/ these?

59. Are you a member of any such Organization? (a) Yes (b) No

60. If yes, then, member of which organizations? (a) G. Panchayat (b) Mahila Samiti (c) SHG

61. What are the roles (duties) performed by the Organization(s)?
   (a) Agricultural development (b) Sanitation (c) Irrigation

62. Is there any Traditional Political Organization in your Village? (a) Yes (b) No

63. If yes, what is that? (a) Gaon Sabha (b) Kebang

**G. Health Status**

64. Where do you go for Medical Treatment? i. Tantric ii. Medical iii. Sub-centre

65. Which of the following treatments do you prefer? i. Homeopathy ii. Allopathy iii. Ayurvedic iv. Herbal

66. Are there any govt. health worker in your village? i. Yes ii. No
67. How does he/she help you in any health matters?
   Specify

68. Is there any sub centre in your village? i. Yes ii. No

69. Are sub centre staff visit regularly in the centre? i. Yes ii. No

70. From where you got health related information?
   i. Friends ii. ASHA iii. Neighbour iv. Media

71. Are medical workers come to announce health programme in your village?
   i. Yes ii. No

72. Have you heard about Mrityunjay (medical van)? i. Yes ii. No

73. Is there any govt. bus running across the village? i. Yes ii. No

III. COMMUNICATION MODES

H. Traditional Media in the Village

74. PUJAS: (i) Karam Puja, (ii) Tusu Puja, (iii) Durga Puja, (iv) Kali Puja
   (v) Saraswati Puja, (vi) Viswakarma Puja

75. Other Festivals: (a) Mai-dam-mai-phe, (b) Joymoti Utsav, (c) Natak
   (d) Bhagawat, (e) Shankardeva Tithi (f) Janmastami, (g) Any other (specify)

I. Mass Media in the Village

76. Do you subscribe any Newspaper? (a) Yes (b) No

77. If yes, which newspaper? If no, when do you read newspaper?

78. If yes what Newspaper(s) do you read?
   (a) The Assam Tribune. (f) Asomiya Pratidin.
   (b) The Times of India (g) Amar Asom.
   (c) The Hindustan Times (h) Asomiya Khabar
   (d) The Telegraph (i) Dainik Batori
   (e) The Sentinel (j) Dainik Agradoot.
79. Time spent on newspaper reading in a day:
   (a) Less than 1 hour (b) 1-2 hours (c) 3-4 hours (d) 4-5 hours or more

80. What are the topics you read in a newspaper?

81. Do you read any agriculture related topics in newspapers? (a) Yes (b) No

82. Do you think agricultural topics in a newspaper are helpful? (a) Yes (b) No

83. Do you subscribe any magazine? (a) Yes (b) No

84. If yes, which magazine do you read (a) India Today (b) North East Sun (c) Sunday
   (d) Health (e) Competition Success (f) Competition Refresher (g) Women’s Era (h) Film fare
   (i) Any Others

85. Time spent on magazine reading in a day:
   (a) Less than 1 hour (b) 1-2 hours (c) 3-4 hours (d) 4-5 hours or more

86. Do you listen radio programs? (a) Yes (b) No

87. Time spent on listening radio:
   (a) Less than 1 hour (b) 1-2 hours (c) More than 2 hours

88. Which programs do you listen most? (a) News (b) Music (c) Educational
   (d) Agricultural programmes (e) Others

89. Do you watch television? (a) Yes (b) No

90. Time spent on watching TV:
   (a) Less than 1 hour (b) 1-2 hours (c) 3-4 hours (d) More than 4 hours

91. What type of programmes you watch on TV?
   (a) News (b) Sports (c) Dance (d) Mythological programme
   (e) Serials (f) Music (g) Films (h) Children programme
   (i) Agricultural programme (j) All

92. Do you have DTH/cable TV? 1. Yes 2. No
93. Which channels do you like most?

DD1   BBC   Sonymax   DD2   ETV
HBO   DD sports   DD7   MTV   MGM
DD Bharati   Sony   FTV   AXN   ATN
ZEE TV   B4U   AkashBangla   Cartoon
Network   ZEE News   SITI/Local   ZEE Cinema   SabTV
Asthra

Star plus   Discovery   NationalGeography   Animal   Planet
DY365 Star sports   CNN   Star news   Aaj tak   Star
movies   Ten Sports   ESPN   ETC   News Live   Any
Other---------------

94. Are you sharing any information with your friends/family/neighbor? Yes ii. No

95. Do you have Telephone?  
  i. Yes  ii. No

96. How many calls generally you make over telephone in a month?  
  i. One ii. Two iii. Three iv. Four v. more than four

97. Do you have access to computer?  
  1. Yes  2. No

98. If yes where do you use computer:  
  i. Home ii. Cyber café iii. Office iv. School v. Other places (specify)

99. Purpose of computer using:  
  i. Education ii. Business iii. Entertainment iv. Games v. Other than specify……

100. Do you have internet facilities?  
  1. Yes  2. No

101. If yes where do you use internet?  
  i. Home ii. Cyber café iii. Office iv. School v. Other places

102. How many days in a week you use internet?  
  i. Don’t use ii. Daily  iii. 5-6 days iv. 3-4 days v. 1-2 days vi. rarely/ occasionally

103. For how many hours in a day do you use internet? i. Less than one hour ii. 1 hour  
  iii. 2 hour iv. 3 hour v. 4 hour vi. 5 hour vii. More than 5 hour

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104. For what purpose do you use internet?
   i. E-mail  ii. E-Commerce  iii. E- Governance  iv. Academic
   ix. Download reading material  x. Watching video clips
   xi. If any other please specify……………………………..

105. How many E-mails do you read in a day/week: i. One  ii. Two  iii. Three  iv. Four

106. Does any other member of your house internet?  1. Yes  2. No

107. If yes who are those? Please their particulars.

108. Do you have mobile?  1. Yes  2. No
   a. If yes, for what purposes do you use mobile?
      i. Relatives  ii. Business  iii. Agricultural  iv. Others

109. In what way mobile is useful for you and your family?

IV. COMMUNICATION ABOUT AGRICULTURAL IMPLEMENTS


111. Number of domestic/pet animals does your family have: i. Cow  ii. Buffalo  iii. Bull
   iv. Goat  v. Hen  vi. Duck

112. How do they help in raising income in your house?

113. Give details on farm power and machinery in your house:
   i. Bullocks: 0. Nil  1. One to two  2. Three to four  d. Five to six
   ii. Tractor: 0. Nil  1. One  2. Two

114. From where you got information about these implements?


117. Are government official helps you to purchases or subsidiary in buying agricultural implements? 
1. Yes 2. No

118. If Yes, how much? Give details……

V. COMMUNICATION ABOUT HIGH YIELDING VARITIES

119. Name of the seeds used by the villagers:
   (b). HYV seeds- i. Ranjit ii. Basmoti iii. Joha 775 (c). Others……………..

120. Information on transplanting
   i. Variety Date of transplanting Age of seeding Spacing row (Week / month)
   Joha
   Hali
   Lahi
   Basmoti

121. From where you buy these seeds? i. Friends ii. Neighbours iii. Relatives
   iv. Agricultural institutions v. shops

122. At what costs you buy these seeds (HYV)? Per kilogram: i. 50-100 rupees ii. 100-200

123. Source of information about new seed: i. Friends ii. Neighbour iii. Relatives
   iv. Govt. office v. Media

124. What is source of information about seed price?

125. According to you who will help to selecting seeds in your farm?
   i. Friends ii. Neighbour iii. Relatives iv. Govt. official v. Media

126. Are you visiting Block Development Offices for new seeds? i. Yes ii. No

127. If yes why and when? i. Once in a week ii. Once in a month iii. Once in two month

128. Do they (officials) visit in your home/village? 1. Yes 2. No

129. If yes, are they teaching you any new techniques for more production? Details..
VI. COMMUNICATION ABOUT FERTILIZER

130. What are the fertilizers you used in your farm? (a). Urea (b). Potash (c). D.A.P (d). Super (e). Other (specify)

131. Purchase of fertilizers from:
   i. Local shop: a. Dopdar b. Chutia Basti

132. Which fertilizer you used most? i. Urea ii. DAP iii. Potash iv. Superphosphate

133. And why? Comment:

134. How do you use fertilizer?

<table>
<thead>
<tr>
<th>Name of the fertilizers</th>
<th>Dosage</th>
<th>Method of application</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>i. Urea</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ii. DAP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>iii. Potash</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>iv. Superphosphate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>v. And why? Comment</td>
<td></td>
<td></td>
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</tbody>
</table>

135. Information about the fertilizers gets from:
   i. Friends ii. Neighbour iii. Relatives
   iv. agri. officials v. Media vi. Traditional media vii. Others

136. From which media you got most of the information?

137. What is the type of soil in your rice field?
   i. light ii. Medium iii. Heavy

138. Is there any kallar problem in your rice field? i. Yes ii. No

139. Is there any water logging problem in your rice field? i. Yes ii. No

140. Is anybody comes to help you? i. Neighbour ii. Extension officer iii. Local organizations

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141. Did you find any problem of insects/pests in nursery?  
   i. Yes  ii. No

142. If yes, did you use insect control measures?  
   i. Yes  ii. No

143. If yes give details:

Name of the insecticides  Dosage  Method of Application  source
Procuring

144. From where you got information about new insecticides? 1. Friends 2. Relatives
3. Neighbours 4. Media

145. From where you buy these insecticides? 1. Local Shop 2. Town
3. Agri. Institutions

146. After transplanting, do you apply urea?  
   i. Yes  ii. No

147. If yes when do you apply urea after transplanting?
   i. After ...... week. ii. After......week iii. After......week.

VII. COMMUNICATION ABOUT IRRIGATION

148. Irrigation status in the village
      i. Irrigated by canal ii. Irrigated by wells iii. Irrigated by motors
      iv. Irrigated by pump

149. Who helps you to irrigate the cultivate land? 1. Neighbour 2. Friends

150. From what source of information you know about irrigational implements?
   6. Local Organizations

151. From where you buy these implements? 1. Town 2. Local Shops

152. Are Govt. Offices provide any subsidiaries in irrigational implements? 1. Yes 2. No

153. If Yes, give details.............

VIII. COMMUNICATION ABOUT LAND USE PATTERNS

154. How much cultivated land you have? 1. 5-10 bighas 2. 10-15 bighas 3. 15-20 bighas

155. Have you taken or given/taken agricultural land for share cropping? 1. Yes 2. No
156. If yes, to whom/from whom?  
........................................................................................................................................

157. Do you get suggestion about land from any agricultural officers? 1. Yes 2. No

158. If yes, specify.........................

159. Do you get the soil tested? 1. Yes 2. No

160. If Yes, who and when? Details.....

161. From what source do you get information about cropping pattern?

162. From what source do you get information about soil testing?

IX. COMMUNICATION ABOUT CROP PATTERNS

163. In which Type of crop you prefer i. Kharif ii. Rabi

164. What crops do you grow in a year?
   i. Paddy (Rice) ii. Wheat iii. Maize iv. Vegetables v. Others (specify)

165. Do you grow green manuring crop before land preparation? i. Yes ii. No

166. If yes, when did you bury the green manuring crop before transplanting?

167. Do you apply phosphorus to green manuring crop? i. Yes ii. No

168. If yes, please give the

Source of phosphorus Quantity Area

169. from where do you get information about green manuring?

J. Information on Transplanting

170. Do you regularly irrigate the crop at the time of growing? i. Yes ii. No

   4. Govt. offices: i. argi.office ii. Block office iii. Agri. University (Jorhat)


172. Among modern media which one do you find most useful? 1. Radio 2. T.V

173. Do you keep water impounding in the field? i. Yes ii. No
174. Do you find any problem of weeds after transplanting? i. Yes ii. No

175. If yes how do you control the weeds? i. Mechanical ii. Chemical weed control

176. If used chemical weed control please give:
   
i. Name of the Weedicide Dosage Time Procuring source

177. Do you find any problem of disease on your rice crop? i. Yes ii. No

178. If yes, do you take disease control measures? i. Yes ii. No


180. If yes, give following information the information:
   
   Disease Fungicide Dosage Nature of application Procuring source
   
i. Blight
ii. Stem rot
iii. Blast
iv. Any Other

181. Do you approach to get information/ advice in relation to your rice problems?

   (Information Seeking Behaviour)
   
   Source Never Once/twice in the season Once/twice in a month Once in a week
   
   Friends
   Neighbour
   Progressive farmer
   Extension Functionaries

182. Do you talk to your fellow farmers about improved farm practices? 1. Yes 2. No

183. With whom you discuss your agriculture related matter?
   

X. COMMUNICATION ABOUT ANIMAL HUSBANDRY

184. Do you have any farm? i. Yes ii. No


188. Among modern media which one is more informative? 1. Radio 2. T.V 3. News paper


189. Are they (farm) help for your income? i. Yes ii. No

190. Are you got any loan for rearing your firm? i. Yes ii. No

191. If Yes, is it individual/ group? Details……


4. Govt. Officials 5. Modern media

193. Are you got any subsidy on farm loan? i. Yes ii. No

195. If yes, How much? Your comment....

XI. COMMUNICATION ABOUT BANKS, LOANS, SUBSIDIES MARKET

196. Do you have Bank account? 0. No account 1. One 2. Two 3. More than two

197. If yes, name of bank(s) ..............................................................

198. Do you have post-office saving account? i. Yes ii. No

199. Have you taken loan from any bank/co-operative society for agricultural development? i. Yes ii. No

200. If yes, please provide further information:

Sl. No. Bank / Institution Amount Purpose Security

201. From where you got information about new schemes (Bank)?

i. Friends ii. Neighbour iii. Relatives iv. Govt. Officials v. Media

202. Among modern media which one more effective to you regarding bank?


203. Did you get any subsidy relating to agricultural matters? i. Yes ii. No

204. If yes, specify..................
205. Who inform you about these subsidies?
   i. Friends ii. Neighbour iii. Relatives iv. Agri. Officer v. Media


207. How often do you go to town?
   i. Daily ii. Alternate days iii. One in a week iv. More than once in a week
   v. Once in a month vi. More than one in a month vii. Once in two months
   viii. Once in three months ix. Once in four months x. Once in five months
   xi. Once in six months xii. Very rarely


210. Which nearest towns do you visit most? i. Amguri ii. Halwating iii. Sivasagar
   iv. Any other

211. Do you get any agri-information from town?
212. If yes, then what is that?

XII. COMMUNICATION ABOUT MARKETING OF PRODUCTS AND PURCHASING OF INPUTS

213. How much you product in a year? Estimate (crop wise)

214. Are you satisfied with your production in last year? i. Yes ii. No

215. If no, why? Is it for marketing problem or others?
   Specify....

216. Where do you go for selling the farm products? i. Weekly market ii. Nearest town

217. From whom you got information about new market? i. Friend ii. Neighbour
   iii. Relatives iv. Govt. officials v. Media

218. Amongst mass media which one is very much useful to you and why?
   Specify....


220. Who inform you about these inputs? i. Friend ii. Neighbour
   iii. Relatives iv. Govt. officials v. Media

221. Among govt. officials who are most helpful to you? 1. Gram sewak 2. Extension officer
   3. Others

222. Who informed you about market price? i. Friend ii. Neighbour iii. Relatives
   iv. Govt. officials v. Media

   Date:
   Place:

   Signature of the interviewer