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 **Schedule No:----------**

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

7. Sex: 8. Religion: 9. Community:
10. Sect 11. Mother Tongue: 12. Caste category:

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

4 Oriya 5 Others ☐☐

15. Educational Qualification: 1. Illiterate 2. Primary 3. High School 4. H. S

5. B. A 6. P. G 7. Technical 8. Profession

16. Occupation:

A. Living Standard ☐☐☐☐

17. Please state the ownership of your house:

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

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:

i.Bullock cart ii.Tractor iii. Scooter iv. Radio v. T.V vi. Mobile vii. Computer

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.....

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)?

Total land	Homestead land	Agricultural land	
		Cultivable	Non cultivable

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)

Total land	Homestead Land	Agricultural Land (If any)

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? ☐

45. Where do you go for prayer? a. Personal temple b. Public temple c. None ☐

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. Medcal 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 heath 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 Mrityunjoy (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 news paper?

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 Khabor	☐
(d) The Telegraph	☐	(i) Dainik Batori	☐
(e) The Sentinel	☐	(j) Dainik Agradoot.	☐

79. Time spent on news paper 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 News Paper?

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

82. Do you think agricultural topics (in news paper) 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 than1 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 T.V.:

(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 T.V?

(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
Astha

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 ☐

104. For what purpose do you use internet?

i. E-mail ii. E- Commerce iii. E- Governance iv. Academic

v. Chatting vi. Video conferencing vii. Inviting viii. Down loading free

software ix. Down loading 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

110. Name of agricultural implements used for cultivation: 1. Haal 2. Power tiller 3. Tractor

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

iii. Farm machinery: a. Spray b. Pump-set c. Thresher d. Disc harrow

114. From where you got information about these implements?

1. Friends 2. Neighbours 3. Relatives 4. Govt. Officials 5. Mass media

115. Among mass media which one you prefer? 1. Radio 2. T. V 3. Internet 4. Mobile

5. News paper 6. Magazine

116. From where you buy these implements? 1. Sivasagar 2. Jorhat 3. Amguri

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:

(a). Homemade seeds- i. Hali ii. Lahi iii. Joha

(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. Neighours 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? a. Radio b. Television c. Newspaper d. Magazine e. Internet f. Mobile

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

ii. Nearest town: a. Amguri b. Halwating

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

133. And why? Comment:

134. How do you use fertilizer?

Name of the fertilizers	*Dosage*	*Method of application*	*Time*	*Procuring source*
i. Urea				
ii. DAP				
iii. Potash				
iv. Superphosphate				
v. And why? Comment				

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?

1. Radio 2. T.V 3. Newspaper

4. Magazine 5. Internet 6. Mobile

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

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

1. Gross area irrigated 2. Net area irrigated 3. Area irrigated 4. Mode of irrigation:

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

3. Relatives 4. Govt. Officials 5. Media 6. Local Organizations . 7. Others ☐

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

1. Neighbour 2. Friends 3. Relatives 4. Agri. Officials 5. Media

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

171. Who informs you about that? 1. Friends 2. Neighbours 3. Relatives

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

5. Modern media: 1. Radio 2. T.V 3. News paper 4. Magazine 5. Internet 6. Mobile

6. Traditional media: 1. Natak 2. Bhauna 3. Headman 4. Religious Priest

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

3. News paper 4. Magazine 5. Internet 6. Mobile 7. DTH

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 ☐

179. Who informs you about medicine for disease? 1. Friends 2. Neighbours

3. Relatives 4. Govt. offices 5. Modern Media 6. Traditional media ☐

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?

i. Friends ii. Neighbour iii. Relatives iv. Govt. officials v. Progressive Farmer ☐

X. COMMUNICATION ABOUT ANIMAL HUSBANDRY

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

185. If yes, specify i. Pig ii. Broilers iii. Goat iv. Cow v. Hen vi. Duck vii. Fishery ☐

186. From where you buy this breed? 1. Town 2. Local market 3. Neighbours 4. Relatives ☐

187. Who informs you about this breed? 1. Friends 2. Neighbours 3. Relatives ☐

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

5. Modern media: 1. Radio 2. T.V 3. News paper 4. Magazine 5. Internet 6. Mobile

6. Traditional media: 1. Natak 2. Bhauna 3. Headman 4. Religious Priest

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

4. Magazine 5. Mobile 6. Internet

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.....

192. Who inform you about this loan? 1. Friends 2. Neighbours 3. Relatives

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?

1. Radio 2. T.V 3. News Paper 4. Magazine 5. Internet 6. Mobile 7. Any other-----

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

206. Among modern media which one helps you most? 1. Radio 2. T.V 3. News paper

4. Magazine 5. Mobile 6. Internet 7. Other----------

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

208. For what purpose do you visit town? 1. Bank 2. VisitingRelatives 3. Agri. Offices

4. Shopping 5. Selling Products 6. Others

209. How do you travel? i. Bus ii.Train iii. Hired vehicle iv. Personal vehicle v. Other

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.....

219. From where you buy the agricultural inputs? i. Nearest town ii. Sivasagar iii. Jorhat

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

Dtae:
Place:

Signature of the interviewer

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