

Appendix XIV

Distribution of Adoption level of Improved Household Technology According to Significant Variables.

Table I Distribution of Adoption level of improved Household Technology according to Educational level of the respondent.

Education level of Respondent	Adoption level of Improved Household Technology				Total
	Nil	Low	Medium	High	
Illiterate	15 (45.45)	10 (30.30)	8 (24.24)	0 (0.00)	33 (12.22)
Middle School	31 (30.09)	36 (34.95)	36 (34.955)	0 (0.00)	103 (38.14)
High School	21 (24.13)	13 (14.94)	37 (42.52)	16 (18.39)	87 (32.22)
College level	2 (4.25)	5 (10.63)	21 (44.68)	19 (40.42)	47 (17.40)
Total	69	64	102	35	270

df = 9, Chi-square value = 29.55
Sig at 0.01 level.

(Figures in brackets indicate percentages)

Table II Distribution of Adoption level of improved Household Technology according to Employment status of the respondents.

Employment status	Adoption level of Improved Household Technology				Total
	Nil	Low	Medium	High	
Non Employed	44 (23.28)	43 (22.75)	82 (43.38)	20 (10.58)	189 (70.00)
Employed	3 (6.66)	7 (15.55)	20 (44.44)	15 (33.33)	45 (16.66)
Self Employed	22 (61.11)	14 (38.88)	0 (16.00)	0 (0.00)	36 (13.33)
Total	69	64	102	35	270

df = 6, Chi-square value = 69.70
Sig at 0.01 level.

(Figures in brackets denote percentages)

Table III Distribution of Adoption level of Improved Household Technology According to Knowledge of the respondents.

Knowledge	Adoption level of Improved Household Technology				Total
	Nil	Low	Medium	High	
Poor	24 (54.44)	11 (25.00)	7 (15.90)	2 (4.54)	44 (16.29)
Average	42 (22.34)	44 (23.40)	79 (42.02)	23 (12.23)	188 (69.62)
Good	3 (7.89)	9 (23.68)	16 (42.10)	10 (26.31)	38 (14.07)
Total	69	64	102	35	270

df = 6, Chi-square value = 34.60
Sig at 0.01 level.

(Figures in brackets indicate percentages)

Table IV Distribution of Adoption level of improved Household Technology according to Attitude of the respondents

Attitude	Adoption level of Improved Household Technology				Total
	Nil	Low	Medium	High	
Highly Favourable	2 (5.12)	11 (28.20)	14 (35.89)	12 (30.76)	39 (14.44)
Moderately Favourable	43 (24.57)	33 (18.85)	76 (43.42)	23 (13.14)	175 (64.81)
Less Favourable	24 (42.85)	20 (35.71)	12 (21.42)	0 (0.00)	56 (20.74)
Total	69	64	102	35	270

df = 6, Chi-square value = 41.01
Sig at 0.01 level.

(Figures in brackets denote percentage)

Table V Distribution of Adoption level of Improved Household Technology According to Socio Economic Status

Socio Eco- nomic Status	Adoption level of Improved Household Technology				Total
	Nil	Low	Medium	High	
Low	64 (50.00)	35 (27.34)	25 (19.53)	4 (3.12)	128 (47.40)
Middle	5 (4.67)	28 (26.16)	64 (59.81)	10 (9.90)	107 (39.62)
High	0 (0.00)	1 (2.85)	13 (37.14)	21 (60.00)	35 (12.96)
Total	69	64	102	35	270

df = 6, Chi-square value = 153.14
 Significant at 0.001 level.
 (Figures in brackets indicate percentages)

Table VI Distribution of Adoption level of Improved Household Technology According to Family Income.

Family Income	Adoption level of Improved Household Technology				Total
	Nil	Low	Medium	High	
Low	59 (50.42)	31 (26.49)	27 (23.07)	0 (0.00)	117 (43.33)
Middle	8 (8.69)	21 (22.82)	50 (54.34)	13 (14.13)	92 (34.07)
High	2 (3.27)	12 (19.67)	25 (40.90)	22 (36.06)	61 (22.59)
Total	69	64	102	35	270

df = 6, Chi-square value = 105.78
 Sig at 0.001 level.

(Figures in brackets indicate percentages.)

Table VII. Distribution of Adoption level of Improved Household Technology According to Family Occupation

Family Occupation	Adoption level of Improved Household Technology				
	Nil	Low	Medium	High	Total
Farming	15 (15.95)	28 (29.78)	41 (43.61)	10 (10.63)	94 (34.81)
Service	15 (14.01)	24 (22.42)	50 (46.72)	18 (16.82)	107 (39.62)
Business	13 (31.70)	10 (24.39)	11 (26.82)	7 (17.07)	41 (15.18)
Labourers	26 (92.85)	2 (7.14)	0 (0.00)	0 (0.00)	28 (10.37)
Total	69	64	102	35	270

df = 9, Chi square value = 81.93
Sig at 0.01 level.

(Figures in brackets indicate percentages.)

Table VIII. Distribution of Adoption level of Improved Household Technology According to Caste

Caste	Adoption level of Improved Household Technology				
	Nil	Low	Medium	High	Total
SC/ST	27 (44.26)	20 (32.78)	12 (19.67)	2 (3.27)	61 (22.59)
Other Backward caste	7 (21.21)	8 (24.24)	15 (45.45)	3 (9.09)	33 (12.22)
Upper caste	35 (19.88)	36 (20.45)	75 (42.65)	30 (17.04)	176 (65.18)
Total	69	64	102	35	270

df = 6, Chi square value = 27.76
Sig at 0.01 level.

(Figures in brackets indicate percentages.)

Table IX. Distribution of Adoption level of Improved Household Technology According to Exposure to Mass Media

Mass Media	Adoption level of Improved Household Technology				Total
	Nil	Low	Medium	High	
Low	31 (36.90)	28 (33.33)	16 (19.04)	6 (31.11)	84 (31.11)
Medium	15 (27.85)	17 (20.23)	42 (50.00)	10 (11.90)	84 (31.11)
High	23 (22.54)	19 (18.62)	41 (40.19)	19 (18.62)	102 (37.77)
Total	69	64	102	35	270

df = 6, Chi square value = 28.32
Sig at 0.01 level.

(Figures in brackets indicate percentages.)