

**Appendix****Appendix 1.** Variable used in this study as influencing tree planting decision of household.

No	Variable	Type	Description	Coding State
1	Household ranking	Discrete/ Ordinal	Wealth rank of household	1=Poor ; 2= Average 3=Rich
2	Education level	Discrete	The qualification got by the head of the household	0= uneducated 1=primary & middle 2=High and high secondary school; 3=Bachelor 4=Master
3	Household head age	Continuous	Age of household head that how much he/she old	18-36=1; 37-54=2 55-73=3; >74=4
4	Total land area	Continuous	The land area which under control of the house either tenant or owner	1-2ha=1; 3-6ha=2 7-10ha=3; >11ha=4
5	Forest land area	Continuous	The land area which under forest	0-2ha=1; 3-4ha=2 >4ha=3
6	Total household income	Continuous/ Ordinal	The money or income getting by household	150,000-300,000=1 300,000-450,000=2 450,000-600,000=3 >600,000=4
7	The attitude of tree planting	Discrete/ Ordinal	Behaviour toward tree planting either they want less or more trees planting	Very favorable=1 Favorable=2 Indifferent=3 Unfavorable=4 Very unfavorable=5
8	Plantation management	Discrete/ Ordinal	Take care or look after of planting	Difficult=1; Medium=2 Easy=3
9	Knowledge of silviculture	Discrete/ Nominal	tree care knowledge	No=0; Yes=1
10	Participation forest program	Discrete/ Nominal	Take part in different forestry program	No=0; Yes=1

**Appendix 2.** Household Sampling in study area on the basis of population

<b>Household survey nation</b>										
<b>Pushtun</b>				<b>Gujar</b>			<b>Ric h</b>	<b>Moderate</b>	<b>Poo r</b>	<b>Total</b>
<b>Village</b>	<b>Ric h</b>	<b>Moderate</b>	<b>Poo r</b>	<b>Ric h</b>	<b>Moderate</b>	<b>Poo r</b>				
Faqir kaly	1	5	2	1	2	1	2	7	3	12
Gani deri	1	6	2	1	4	1	2	10	3	15
Jangriz kaly	1	5	2	1	2	1	2	7	3	12
Raber shah	1	6	2	1	4	1	2	10	3	15
Qurish kaly	1	3	2	1	2	1	2	5	3	10
Kachi ghari	1	3	2	1	2	1	2	5	3	10
Aratono shah	1	5	2	1	2	1	2	7	3	12
Muqam kaly	1	3	2	1	2	1	2	5	3	10
Muhammad Khankaly	1	5	2	1	2	1	2	7	3	12
Kolalano kaly	1	5	2	1	2	1	2	7	3	12
<b>Total</b>	<b>10</b>	<b>46</b>	<b>20</b>	<b>10</b>	<b>24</b>	<b>10</b>	<b>20</b>	<b>70</b>	<b>30</b>	<b>120</b>

**Appendix 3.** Sampling design in the study area on the basis of nation

<b>Nations</b>	<b>Name of villages</b>	<b>Household</b>	<b>Population</b>	<b>No of Interviewed to be sampled</b>	
<b>Pushtun and Gujar</b>	Faqir kaly	121	1535	12	<b>Stratified random sampling approach</b>
	Gani deri	167	1989	15	
	Jangriz kaly	132	1738	12	
	Raber shah	189	2365	15	
	Qurish kaly	93	1980	10	
	Kachi	79	1215	10	
	Aratono shah	150	2196	12	
	Muqam kaly	89	1270	10	
	Muhammad Khankaly	147	2320	12	
	Kolalano kaly	143	2270	12	
	Total	1310	18878	120	