

COST OF PRODUCING ONE SEEDLING November 2011 - Oct 2012

(Based on cost information provided by MENDELU)

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
Gravilia robusta							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs					
	Seeds including transport	kgs					
	Fertilizer	kgs					
	Pesticide	litter					
	Species related training	p/d					
	Labor for potting	p/d					
	Manure	kgs					
	Mulching grass	kgs					
	Sand	kgs					
	Forest soil	trucks					
	Hobra	pcs					
	Compost	kgs					
	A. Direct total				25 421,40		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		0,1047		50 625	
	Labor	ETB				238 650	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				7 660	
	Transport	ETB					

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	B. Fixed total for % sown					31 089,13	
C=A+B	C. TOTAL FOR GROWN	ETB					56 510,52
	<i>Number sown</i>	pcs		66 393			
	<i>Losses</i>	pcs		27 221			
	D. Number ready for planting	pcs		39 172			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,443
Acacia albida (Faidherbia albida)							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs					
	Seeds including transport	kgs					
	Fertilizer	kgs					
	Pesticide	l					
	Species related training	p/d					
	Labor for potting	p/d					
	Manure	kgs					
	Mulching grass	kgs					
	Sand	kgs					
	Forest soil	trucks					
	Compost	kgs					
	A. Direct total				2 879,00		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		0,0024		50 625	
	Labor	ETB				238 650	
	Training	ETB				0	
	Administration	ETB				0	

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Instruments & materials	ETB				7 660	
	Transport	ETB				0	
	B. Fixed total for % sown					712,64	
C=A+B	C. TOTAL FOR GROWN	ETB					3 591,64
	<i>Number sown</i>	pcs		3 500			
	<i>Losses</i>	pcs		1 470			
	D. Number ready for planting	pcs		2 030			
	E. COST OF ONE PRODUCED SEEDLING						1,769
E = C/D							
Moringa stenopetala							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	64				
	Polytube 12 cm diameter	kgs	74				
	Seeds including transport	kgs					
	Fertilizer	kgs					
	Pesticide	l					
	Species related training	p/d					
	Labor for potting	p/d					
	Manure	kgs					
	Mulching grass	kgs					
	Sand	kgs					
	Forest soil	trucks					
	Compost	kgs					
	A. Direct total				2 815,00		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		0,063		50 625	

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Labor	ETB				238 650	
	Training	ETB				0	
	Administration	ETB				0	
	Instruments & materials	ETB				7 660	
	Transport	ETB				0	
	B. Fixed total					18 706,93	
C=A+B	C. TOTAL FOR GROWN	ETB					21 521,93
	<i>Number sown</i>	pcs		40 000			
	<i>Losses</i>	pcs		4 000			
	D. Number ready for planting	pcs		36 000			
	E. COST OF ONE PRODUCED SEEDLING						0,598
E = C/D							
Azadirachta indica							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs					
	Seeds including transport	kgs					
	Fertilizer	kgs					
	Pesticide	l					
	Species related training	p/d					
	Labor for potting	p/d					
	Manure	kgs					
	Mulching grass	kgs					
	Sand	kgs					
	Forest soil	trucks					
	Hobra	pcs					

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Compost	kgs					
	A. Direct total				25 063,60		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		0,076		50 625	
	Labor	ETB				238 650	
	Training	ETB				0	
	Administration	ETB				0	
	Instruments & materials	ETB				7 660	
	Transport	ETB				0	
	B. Fixed total					22 567,09	
C=A+B	C. TOTAL FOR GROWN	ETB					47 630,69
	<i>Number sown</i>	pcs		48 387			
	<i>Losses</i>	pcs		18 387			
	D. Number ready for planting	pcs		30 000			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,588
Mango (Magnifera indica)							
<i>Direct cost</i>	Polytube 12 cm diameter	kgs					
	Seeds including transport	kgs					
	Fertilizer	kgs					
	Pesticide	l					
	Species related training	p/d					
	Labor for potting	p/d					
	Manure	kgs					
	Mulching grass	kgs					

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Sand	kgs					
	Forest soil	trucks					
	Compost	kgs					
	A. Direct total				10 796,00		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		0,058		50 625	
	Labor	ETB				238 650	
	Training	ETB				0	
	Administration	ETB				0	
	Instruments & materials	ETB				7 660	
	Transport	ETB				0	
	B. Fixed total					17 222,25	
C=A+B	C. TOTAL FOR GROWN	ETB					28 018,25
	<i>Number sown</i>	pcs		3 709			
	<i>Losses</i>	pcs		2 485			
	D. Number ready for planting	pcs		1 224			
	E. COST OF ONE PRODUCED SEEDLING						22,891
E = C/D							
Leucaena leucocephala	Not grown						
<i>Direct cost</i>	Polytube 8 cm diameter	kgs					
	Seeds including transport	kgs					
	Fertilizer	kgs					
	Pesticide	l					
	Species related training	p/d					
	Labor for potting	p/d					

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Manure	kgs					
	Mulching grass	kgs					
	Sand	kgs					
	Forest soil	trucks					
	Compost	kgs					
	A. Direct total						
<i>Indirect cost (fixed)</i>	Depreciations	ETB		0		50 625	
	Labor	ETB				238 650	
	Training	ETB				0	
	Administration	ETB				0	
	Instruments & materials	ETB				7 660	
	Transport	ETB				0	
	B. Fixed total						
C=A+B	C. TOTAL FOR GROWN	ETB					
	<i>Number sown</i>	pcs					
	<i>Losses</i>	pcs					
	D. Number ready for planting	pcs					
E = C/D	E. COST OF ONE PRODUCED SEEDLING						
Cordia africana (Wanza)							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs					
	Seeds including transport	kgs					
	Fertilizer	kgs					
	Pesticide	l					

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Species related training	p/d					
	Labor for potting	p/d					
	Manure	kgs					
	Mulching grass	kgs					
	Sand	kgs					
	Forest soil	trucks					
	Compost	kgs					
<i>Indirect cost (fixed)</i>	A. Direct total				4 474,00		
	Depreciations	ETB		0,0033		50 625	
	Labor	ETB				238 650	
	Training	ETB				0	
	Administration	ETB				0	
	Instruments & materials	ETB				7 660	
	Transport	ETB				0	
C=A+B	B. Fixed total					979,89	
	C. TOTAL FOR GROWN	ETB					5 453,89
	<i>Number sown</i>	pcs		2 067			
	<i>Losses</i>	pcs		1 240			
	D. Number ready for planting	pcs		827			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						6,595
Acacia saligna							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs					
	Seeds including transport	kgs					

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units/ percent	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Fertilizer	kgs					
	Pesticide	l					
	Species related training	p/d					
	Labor for potting	p/d					
	Manure	kgs					
	Mulching grass	kgs					
	Sand	kgs					
	Hobra	pcs					
	Forest soil	trucks					
	Compost	kgs					
	A. Direct total				58 434,25		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		0,292		50 625	
	Labor	ETB				238 650	
	Training	ETB				0	
	Administration	ETB				0	
	Instruments & materials	ETB				7 660	
	Transport	ETB				0	
	B. Fixed total					86 705,12	
C=A+B	C. TOTAL FOR GROWN	ETB					145 139,37
	<i>Number sown</i>	pcs		184 943			
	<i>Losses</i>	pcs		55 483			
	D. Number ready for planting	pcs		129 460			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,121

COST OF PRODUCING ONE SEEDLING November 2011 - Oct 2012

(Based on cost information provided by PIN)

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
Gravilia robusta							
<i>Direct cost</i>	Polytube 8 cm diameter*	kgs	67,5	244,55	16507		
	Seeds including transport	kgs	670	1,5	1005		
	Fertilizer	kgs	0	0	0		
	Pesticide	l	0	0	0		
	Species related training	p/d	0	0	0		
	Labor for potting**	p/d	0,03125	97820	3057		
	Manure	kgs	0	0	0		
	Mulching grass***	grass/pot	0,003936	97820	385		
	Sand	Truck	1500	4,914436	7372		
	Forest soil	Truck	1200	14,743308	17692		
	Compost	Truck	1200	9,8288721	11795		
	A. Direct total				57812		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		1485	
	Labor	ETB				5444	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				313	
	Transport	ETB					
	B. Fixed total for % sown					7242	

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
C=A+B	C. TOTAL FOR GROWN	ETB					65054
	<i>Number sown</i>	pcs		97 820			
	<i>Losses</i>	pcs		64 830			
	D. Number ready for planting	pcs		32 990			
	E. COST OF ONE PRODUCED SEEDLING						1,972
E = C/D							
Acacia albida (Faidherbia albida)							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	67,5	191,5	12926,25		
	Seeds including transport	kgs	67	16	1072		
	Fertilizer	kgs	0	0	0		
	Pesticide	l	0	0	0		
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,03125	76600	2393,75		
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,003936	76600	301,532462		
	Sand	Truck	1500	3,8483521	5772,528125		
	Forest soil	Truck	1200	11,545056	13854,0675		
	Compost	Truck	1200	7,6967042	9236,045		
	A. Direct total				45556		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		1163	
	Labor	ETB				4263	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				245	

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Transport	ETB					
	B. Fixed total for % sown					5671	
C=A+B	C. TOTAL FOR GROWN	ETB					51227
	Number sown	pcs		76600			
	Losses	pcs		64 150			
	D. Number ready for planting	pcs		12 450			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						4,115
Moringa stenopetala							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	67,5	1125	75937,5		
	Seeds including transport	kgs	69	185	12765		
	Fertilizer	kgs	0	0	0		
	Pesticide	kgs	0	0	0		
	Species related training	l	0	0	0		
	Labor for potting	p/d	0,03125	450000	14062,5		
	Manure	p/d	0	0	0		
	Mulching grass	kgs	0,003936	450000	1771,404803		
	Sand	grass/pot	1500	22,607813	33911,71875		
	Forest soil	Truck	1200	67,823438	81388,125		
	Compost	Truck	1200	45,215625	54258,75		
	A. Direct total				274095		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the		6832	
	Labor	ETB				25043	
	Training	ETB					

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Administration	ETB		specie grown in 2012			
	Instruments & materials	ETB				1439	
	Transport	ETB					
	B. Fixed total					33315	
C=A+B	C. TOTAL FOR GROWN	ETB					307410
	Number sown	pcs		450000			
	Losses	pcs		57 720			
	D. Number ready for planting	pcs		392 280			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						0,784
Azadirachta indica							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	67,5	50,9	3435,75		
	Seeds including transport	kgs	75	11	825		
	Fertilizer	kgs	0	0	0		
	Pesticide	l	0	0	0		
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,03125	20360	636,25		
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,003936	20360	80,14622619		
	Sand	Truck	1500	1,0228779	1534,316875		
	Forest soil	Truck	1200	3,0686338	3682,3605		
	Compost	Truck	1200	2,0457558	2454,907		
	A. Direct total				12649		

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		309	
	Labor	ETB				1133	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				65	
	Transport	ETB					
	B. Fixed total					1507	
C=A+B	C. TOTAL FOR GROWN	ETB					14156
	<i>Number sown</i>	pcs		20360			
	<i>Losses</i>	pcs		4 720			
	D. Number ready for planting	pcs		15 640			
	E. COST OF ONE PRODUCED SEEDLING						0,905
E = C/D							
Mango (Magnifera indica)							
<i>Direct cost</i>	Polytube 12 cm diameter	kgs	67,5	78	5265		
	Seeds including transport	kgs	30	100	3000		
	Fertilizer	kgs	0	0	0		
	Pesticide	l	0	0	0		
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,03125	19500	609,375		
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,003936	19500	76,76087479		
	Sand	Truck	1500	2,20428	3306,42		
	Forest soil	Truck	1200	6,61284	7935,408		

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Compost	Truck	1200	4,40856	5290,272		
	A. Direct total				25483		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		296	
	Labor	ETB				1085	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				62	
	Transport	ETB					
	B. Fixed total					1444	
C=A+B	C. TOTAL FOR GROWN	ETB					26927
	<i>Number sown</i>	pcs		19500			
	<i>Losses</i>	pcs		4 124			
	D. Number ready for planting	pcs		15 376			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,751
Leucaena leucocephala							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	67,5	64,5	4353,75		
	Seeds including transport	kgs	60	4	240		
	Fertilizer	kgs	0	0	0		
	Pesticide	l	0	0	0		
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,03125	25800	806,25		
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,003936	25800	101,560542		

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Sand	Truck	1500	1,2961813	1944,271875		
	Forest soil	Truck	1200	3,8885438	4666,2525		
	Compost	Truck	1200	2,5923625	3110,835		
	A. Direct total				15223		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		392	
	Labor	ETB				1436	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				83	
	Transport	ETB					
	B. Fixed total					1910	
C=A+B	C. TOTAL FOR GROWN	ETB					17133
	<i>Number sown</i>	pcs		25800			
	<i>Losses</i>	pcs		10 437			
	D. Number ready for planting	pcs		15 363			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,115
Cordia africana (Wanza)*							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	67,5	8,75	590,625		
	Seeds including transport	kgs	48	1,5	72		
	Fertilizer	kgs	0	0	0		
	Pesticide	l	0	0	0		
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,03125	3500	109,375		

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,003936	3500	13,77759291		
	Sand	Truck	1500	0,1758385	263,7578125		
	Forest soil	Truck	1200	0,5275156	633,01875		
	Compost	Truck	1200	0,3516771	422,0125		
	A. Direct total				2105		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		53	
	Labor	ETB				195	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				11	
	Transport	ETB					
	B. Fixed total					259	
C=A+B	C. TOTAL FOR GROWN	ETB					2364
	<i>Number sown</i>	pcs		3500			
	<i>Losses</i>	pcs		1 376			
	D. Number ready for planting	pcs		2 124			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,113
Acacia saligna							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	67,5	217	14647,5		
	Seeds including transport	kgs	75	3	225		
	Fertilizer	kgs	0	0	0		
	Pesticide	l	0	0	0		

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,03125	86800	2712,5		
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,003936	86800	341,6843042		
	Sand	Truck	1500	4,3607958	6541,19375		
	Forest soil	Truck	1200	13,082388	15698,865		
	Compost	Truck	1200	8,7215917	10465,91		
	A. Direct total				50633		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		1318	
	Labor	ETB				4831	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				278	
	Transport	ETB					
	B. Fixed total					6426	
C=A+B	C. TOTAL FOR GROWN	ETB					57059
	<i>Number sown</i>	pcs		86800			
	<i>Losses</i>	pcs		19 210			
	D. Number ready for planting	pcs		67 590			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						0,844

* NOTE: Cordia Africana was not grown in the nursery in 2010, the prizes are calculated based on amounts from 2009.

COST OF PRODUCING ONE SEEDLING IN FORESTRY RESEARCH CENTRE, December 2012 - May 2013

(Based on cost information provided by seed technology & plantation research project)

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
Gravilia robusta							
<i>Direct cost</i>	Polytube 8 cm diameter*	kgs	70	59,2	4144		
	Seeds including transport	kgs	500	0,5	250		
	Fertilizer	kgs	28	25	700		
	Pesticide	l	500	0,5	250		
	Species related training	p/d	0	0	0		
	Labor for potting**	p/d	0,0771	37500	2891		
	Manure	kgs	0	0	0		
	Mulching grass***	grass/pot	0,0067	48000	322		
	Sand	Truck	2000	2,5	5000		
	Forest soil	Truck	1800	9,75	17550		
	Compost	Truck	0	0	0		
	A. Direct total				31107		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		2300	
	Labor	ETB				3500	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				265	
	Transport	ETB					
	B. Fixed total for % sown					7335	

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
C=A+B	C. TOTAL FOR GROWN	ETB					38442
	<i>Number sown</i>	pcs		37 500			
	<i>Losses</i>	pcs		8 307			
	D. Number ready for planting	pcs		20 625			
	E. COST OF ONE PRODUCED SEEDLING						1,864
E = C/D							
Acacia albida (Faidherbia albida)							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	70	17	1190		
	Seeds including transport	kgs	67,5	2	135		
	Fertilizer	kgs	6	25	150		
	Pesticide	l	0,0771	35500	2737,05		
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,0771	10000	771		
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,0067	12500	83,75		
	Sand	Truck	2000	0,5	1000		
	Forest soil	Truck	1800	2,76	4968		
	Compost	Truck	0	0	0		
	A. Direct total				11035		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		2050	
	Labor	ETB				3100	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				120	

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Transport	ETB					
	B. Fixed total for % sown					5620	
C=A+B	C. TOTAL FOR GROWN	ETB					16655
	Number sown	pcs		10 000			
	Losses	pcs		1 500			
	D. Number ready for planting	pcs		8 500			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,959
Moringa stenopetala							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	70	30	2100		
	Seeds including transport	kgs	101	12	1212		
	Fertilizer	kgs	12	25	300		
	Pesticide	kgs	0	0	0		
	Species related training	l	0	0	0		
	Labor for potting	p/d	0,0771	15000	1156 .5		
	Manure	p/d	0	0	0		
	Mulching grass	kgs	0,0067	21000	140,7		
	Sand	grass/pot	2000	1,22	2440		
	Forest soil	Truck	1800	3,875	6975		
	Compost	Truck	0	0	0		
	A. Direct total				13168		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the		820	
	Labor	ETB				2123	
	Training	ETB					

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Administration	ETB		specie grown in 2012			
	Instruments & materials	ETB				420	
	Transport	ETB					
	B. Fixed total					3363	
C=A+B	C. TOTAL FOR GROWN	ETB					16531
	Number sown	pcs		15 000			
	Losses	pcs		2 325			
	D. Number ready for planting	pcs		12 675			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,304
Leucaena leucocephala							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	70	13,3	933		
	Seeds including transport	kgs	45	0,49	22,05		
	Fertilizer	kgs	25	4,5	112,5		
	Pesticide	l	0	0	0		
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,0771	32,83	616,8		
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,0067	10200	68,34		
	Sand	Truck	2000	0,7	1400		
	Forest soil	Truck	1800	1,9	3420		
	Compost	Truck	0	0	0		

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	A. Direct total				6573		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		1900	
	Labor	ETB				2675	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				103	
	Transport	ETB					
	B. Fixed total					4976	
C=A+B	C. TOTAL FOR GROWN	ETB					11549
	<i>Number sown</i>	pcs		8 000			
	<i>Losses</i>	pcs		2 000			
	D. Number ready for planting	pcs		6 000			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						1,925
Cordia africana (Wanza)							
<i>Direct cost</i>	Polytube 8 cm diameter	kgs	70	30	2100		
	Seeds including transport	kgs	90	5	450		
	Fertilizer	kgs	15	25	375		
	Pesticide	l	0	0	0		
	Species related training	p/d	0	0	0		
	Labor for potting	p/d	0,0771	17500	1349,25		
	Manure	kgs	0	0	0		
	Mulching grass	grass/pot	0,0067	24000	160,8		

Species	Inputs, attributable indirect cost, % of not attributable fixed cost	Units	Unit cost ETB	# units	Variable cost in 2012 ETB	Fixed cost in 2012 (ETB)	Total cost in 2012 (ETB)
	Sand	Truck	2000	1,3	2600		
	Forest soil	Truck	1800	4,25	7620		
	Compost	Truck	0	0	0		
	A. Direct total				14655		
<i>Indirect cost (fixed)</i>	Depreciations	ETB		Percentage of cost corresponds with % of the specie grown in 2012		905	
	Labor	ETB				2625	
	Training	ETB					
	Administration	ETB					
	Instruments & materials	ETB				514	
	Transport	ETB					
	B. Fixed total					4044	
C=A+B	C. TOTAL FOR GROWN	ETB					18699
	<i>Number sown</i>	pcs		17 500			
	<i>Losses</i>	pcs		9 100			
	D. Number ready for planting	pcs		8 400			
E = C/D	E. COST OF ONE PRODUCED SEEDLING						2,226