

PUNJAB FOREST DEPARTMENT

SCHEDULE OF RATES FOR FOREST OPERATIONS / WORKS (EFFECTIVE FROM 1-1-1974).

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DIVISIONAL FORESTS OFFICER

EXTENSION BAHAWALPUR

PUNJAB FOREST DEPARTMENT

SCHEDULE OF RATES FOR FOREST OPERATIONS AND WORKS (EFFECTIVE FROM 1-1-1974).

Sr.No	Item No.	Name of Operation	Unit	Rate in Cooly days	Remarks
1. SEEDS COLLECTION INCLUDING CARRIAGE WITHIN 5 MILES RADIUS WHEN COLLECTED FROM FOREST OR GOVERNMENT OWNED TREES.					
	i)	Shisham (poods) clean.	Per maund.	3	
	ii)	Mulberry (Dry) clean.	Per maund.	5	
	iii)	Kikar (clean).	Per maund.	3	
	iv)	Phulai (clean).	Per maund.	15 (8 in irrigated plantations).	
	v)	Siris (clean).	Per maund.	4	
	vi)	Simal (seed & kapok to be accounted for)capsules.	Per maund.	1	
	vii)	Bakain.	Per maund.	2	
	viii)	Jand (clean).	Per maund.	8	
	ix)	Eucalyptus.	Per Oz.	0.33 x 16=5/28 P.Lb.2.2=11.616	
	x)	Caster.	Per maund.	4	
	xi)	Grasses.	Per maund.	12.5	
	xii)	Other seeds.		On rates to be determined by D.F.O.with the prior written sanction of C.F.concerned in each cases.	
2.NURSERIES.					
	i)	Picking up of roots/grasses etc.after ploughing.	Per acre.	Upto 5 cooly according to site conditions.	
	ii)	Sowing on both sides of berms of trenches including <u>preparation of berms:-</u>			
		a) 10' apart trenches.	Per acre.	10	
		b) 5' apart Trenches.	Per acre.	20	
		c) 3' apart ridges including preparation of ridges 9" wide at top.	Per acre.	25	
		d) On beds with 5' apart trenches including preparation of beds.	Per acre.	24	
	iii)	<u>Resowing of failures.</u>			
		a) 10' apart.	Per acre of net area.	Upto 6 cooly days according to site conditions	
		b) 5' apart.	-do-	Upto 12 -do-	
		c) 3' apart.	-do-	-do- 15 -do-	
		d) Beds.	-do-	-do- 12 -do-	
	iv)	<u>Irrigation on flows:-</u>			
		a) Trial irrigation.	Per acre.	1/2	
		b) Ordinary irrigation.	Per acre.	1/2	
	v)	Weeding (throughout the season) including coppice/root-sucker <u>cutting on berms & centres.</u>			
		a) 10' apart trenches.	Per acre.	Upto 20 cooly days according to site conditions.	
		b) 5' apart trenches.	Per acre.	Upto 30 -do-	
		c) 3' apart ridges/beds.	Per acre.	Upto 40 -do-	
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Sr.No	Item No.	Name of Operation	Unit	Rate in Cooly days	Remarks
	vi)	Sowing of plots/polythene begs including filling of earth & punching in case of polythene bags.	%o No.	3	
	vii)	Shifting of pots /polythene bags.	%0 No.	1	
	viii)	Pricking of plants /seedlings in pots/polythene bags.	%0 No.	2	
	ix)	Weeding in pots / polythene bags.	% 0 No.	2	
	x)	<u>Watering of pots / polythene bags.</u>			
		a) By flow from outlets.	% 0 No.	1/20	
		b) By flow from syphen.	% 0 No.	1/10	
		c) By rosecan.	%0 No.	1/6	
3.GROUND PREPARATION WORKS.					
	i)	forestation areas. Jangle clearance including cutting of unusalable growth such as Wan,Karir,Mallah,Kikri,mesquite stubbing of kana and their burning to gether with clearance of site.	Per acre/ Per avenue mile	Upto 5 cooly days according to site conditions.	In the case belas & canalside strips maximum of 20 cooly day acre.
	ii)	<u>Regeneration area:</u> a) Collection of debris 25'away from standards and 50' away from stacks of firewood and its burning.	-do-	Upto 3 -do-	
		b) Mesquite stubbing in regeneration and afforestation areas before planting.	-do-	Upto 10 -do-	
	iii)	Extraction of stumps.(Mudhies.).		-	Work to be carried out normally.through competitive bids/quotations per maund.
	iv)	Dismantling & filling up of old khalas.	Per %0 Rft:	1/4	According to site conditions
	v)	Levelling of land in irrigated plantations/nurseries.	Per acre.	-	through competitive bids or an daily wages subject to prior sanction of C.F.concerned if estimated cost per acre exceeds Rs.50/-
	vi)	Ploughing.	Per acre.	According to site conditions & subject to C.F's prior sanction.	
	vii)	Plaining(Sohaga).	Per acre.	-do-	
	viii)	Layout & Dag bailing.	Per acre/per Av:Miles	2	
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Sr.No	Item No.	Name of Operation	Unit	Rate in Cooly days	Remarks
4.EARTH WORK.					
	i)	Digging of pasels/trenches(undressed)	%0 Cft.	5	
	ii)	Digging of Mains/Branches/Khals with a lead upto 25'	%0 Cft:	6	
	iii)	Borrow pit excavation lead upto 100%	%0 Cft:	6	
	iv)	Making of bunds/wats (for flood irrigation).	%0 Cft.	5	
	v)	<u>Dressing of parties.</u>			
		a) Mains/Khals.	%o Rft:	1 ¼	
		b) Minors.	%0 Rft:	2	
	vi)	Digging of pits.	%o Cft:	5	
	vii)	Preparation & fixing of chaks.	Each.	1	
	viii)	Repair to wells.	Each.	1 ½	
	ix)	Making of slots.	%0 No.	2	
	x)	Making of mounds in plantations.	%0 No.Cft:	5	
5.SOWING & PLANTING.					
	i)	Extraction & preparation of stumps.	%0 No.	2(Wet) 3(Dry)	
	ii)	Preparation of branch cutting.	%0 No.	1 ½	
	iii)	Planting of stumps.	% 0 No.	2	
	iv)	Transplanting of entire plants including roaming of soil.	%0 No.	According to sit conditions.	
	v)	Transplanting of popular plants.	%0 No.	-do-	
	vi)	Planting with ball of earth,polythene tubes and potted.	%0 No.	-do-	
	vii)	Sowing of seed in slots.	%0 No.	2	
	viii)	Broadcasting of seed.	Per acre.	1/8	
	ix)	Restocking of failures / resowing in slots.	%0 No.	Upto 2 cooly days according to site conditions.	
	x)	Dressing of shisham stools for getting healthy coppice.	Per acre.	According to site conditions.	
6.IRRIGATION.					
	i)	Flow irrigation in compact plantations.	Per acre.	¼ Under ordinary conditions,new planting and gegame in sanday areas (upto 3 years age). 1/6, 4 years & older crops in sandy areas.	
	ii)	Flow irrigation in linear plantations.	a)per acre.	1/4	
			b)per Av.Mile.	1	
	iii)	Flow irrigation by Hose pipe /lift pump.	a)per acre.	2/3	
			b)per Av.Mile.	5/4	
	iv)	<u>Hand watering.</u>			
		a) Bela plantations.	%0 No.	5 (Disty & Minor)	
		b) Canalside plantations.	%0 No.	6 (Main Canals/Lined canals).	
		c) Rail /roadside plantations.	%0 No.	6 (Upto a leed of 2 furlongs). 12 (-do- beyond 2 furlongs)	

Sr.No	Item No.	Name of Operation	Unit	Rate in Cooly days	Remarks
7.MAITINANCE OF IRRIGATION CHANNELS ETC.					
	i)	Noke safai with Kassi (3" depth).	%0 Rft.	3 (Minors) 2 (Mains / Branches). 2 (Khals).	
	ii)	Grass clearance (Noke safai with sickle canalside. Channel.)	%0 Rft.	2 (Minors). 1 ½ (Mains/Branches). 1 (Khals).	
	iii)	Silt clearance.	%0 Cft:	3 (Minors). 2.5 (Mains/Branches). 2.5 (Khals).	
	iv)	Repair to banks /parties of channels.	%0 Cft:	5	
	v)	Cutting of coppice including removal of overhanging,branches on one side of channel.	%0 Rft:	According to site conditions.	
	vi)	Cutting of berms and throwing of earth and silt upto 25' lead.	%0 Cft.	2	
	vii)	Removal /sliding /scraping of piled upto earth from high banks.	%0 Cft.	1 ¼	
	viii)	Killa bushing of Khals/Mains/Branches/Minors.	%o Rft.	Single line) According to site Double line) conditions.	
	ix)	Narah cutting from channels (Minors/Mains/Branches/Khals).	%0 Rft.	According to site conditions.	
	x)	Re-opening of trenches.	Per acre. %0 Rft.	5 4 ½	
	xi)	Reopening of pits	%0 Cft.	5	
	xii)	Re-opening of pasels in linear plantations upto 1' depth.	%o Rft.	According to site conditions.	
	xiii)	<u>Rate earth clearance.</u>			
		a) Irrigated plantations/Linear plantations.	Per acre/per Av.M.	-do-	
		b) Bela Forests.	%0 No.pits.	-do-	
8.TRENDING OPERATIONS.					
		a) Weedings (To be carried out as when considered necessary by field staff-continuous system recommended).			
	i)	Regeneration area 10' apart trenches.	Per acre.	Total expenditure not to exceed:- i) 12 cooly days for Dapher & Changa Manga Plantations. ii) 6 coolies for Thal. iii) 8 coolies for Bahawalpur iv) 10 coolies for other plantations.	
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Sr.No	Item No.	Name of Operation	Unit	Rate in Cooly days	Remarks
	ii)	Afforestation areas 10' apart trenches in irrigated plantations 15' apart pits in Bela Forests:	Per acre.	Total expenditure not to exceed:- i) 5 cooly days for irrigated plantations. ii) 4 cooly days for bela forests.	
	iii)	Linear plantations.	Per Av.Mile.	Total expenditure not to exceed:- i) 4 cooly days for flow irrigation. ii) 2 cooly days for hand watering.	
	iv)	Scrub forests.	Per % pits/patches /3 feet long trenches.	1 cooly day for pits. 1 cooly day for patches. 1 ½ cooly day for 3' trenches.	
	b)	Clearings.(in linear Plants only where prescribed).	Per acre.	According to site conditions.	
	c)	Pruning of pole crop with hand saw with application of coaltar.	Per % plants	According to site conditions.	
	d)	Cutting of Coppies and obnoxious weeds from regeneration.	Per acre.	-do-	
	e)	Dedudding of popular plants.	Per plant.	-do-	
	f)	Climber cutting from regeneration/afforestation acre.	Per acre.	-do-	
	g)	Cutting and burning of cuscuta from linear plant:	Per acre.	-do-	
9.MARKING OF TREES FOR FELLINGS ETC.					
	i)	Marking and banding of standards in plantations.	Per acre.	1/4 cooly excluding material (three coolies mark 150-200 trees on an average in a day.)	
	ii)	Enumeration of trees including making of takkies.	Per % trees.	2 Cooly days.(Per % trees 2 cooly days) as amendment made by the CCF in his letter No.4117-23/A dated 26.6.1975.	
10.DEPARTMENTAL FELLINGS & CONVERSION OF TIMBER.					
	i)	Shisham logs out with saw at both ends.	Per Cft.	1/8 cooly days.	
	ii)	Shisham logs out with saw at one end.	Per Cft.	1/10 cooly days.	
	iii)	Mulberry & Bakain logs out with saw at both ends.	Per Cft.	1/10 cooly days.	
	iv)	Other hard wood timbers.	-do-	1/10 cooly days.	
	v)	Soft wood timbers (popular , simal).	-do-	1/16 cooly days.	
	vi)	Bakain Karries 5' to 7' lenth (5" to 7" mid dia)	Per % No.	4 cooly days.	
	vii)	Bakain ballies /lares (upto 12" mid dia). -do-		6 cooly days.	
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Sr.No	Item No.	Name of Operation	Unit	Rate in Cooly days	Remarks
11.FELLINGS AND CONVERION OF FIREWOOD.					
	i)	<u>Main felling areas.</u>			
		5' billets (stacked on compartment roads).	Per %0 stacked	16 add upto 10% for mesquite infestation.	
		2½ ' billets (-do-).	-do-	20 -do-	
	ii)	<u>Ist thinning areas.</u>			
		5' billets (stached on compartment roads).	Per %0 Cft.	16 add upto 10% for mesquite infestations.	
		2 ½ ' billets (-do-).	-do-	20 -do-	
	iii)	<u>IIInd thinning areas.</u>			
		5' billets (stacked on compartment roads).	-do-	16 -do-	
		2 ½ ' billets (-do-).	-do-	20 -do-	
	iv)	<u>IIIrd thinning areas.</u>			
		5' billets (stacked on compartment roads).	-do-	16 (add upto 10% for mesquite infestations).	
		2 ½ ' billets (-do-).	Per % Cft. Stacked.	20 (-do-).	
	v)	<u>Explaitation of dead & wind fellan trees).</u>			
		5' billets.	-do-	Upto 20 According to site conditions.	
		2 ½ ' billets.	-do-	"25 -do-	
12.CARRIAGE OF TIMBER TO SALE DEPOT.			Per Cft.	According to site conditions through competitive bids/quotations.	
13.CARRIAGE OF FIREWOOD TO SALE DEPOT.			Per Cft.P.M.	According to site conditions through competitive bids/quotations.	
14.LOADING/UNLOADING.					
	i)	Loading /unloading of timber.	Per Cft.)	According to local conditions/	
	ii)	Loading /unloading of firewood.	Per % Cft.)	Prevalent rates.	
15.SORTING & STACKING OF TIMBER & FIREWOOD IN THE SALE DEPOT				Cooly days in Changa Manga.	Others. Plantations
	i)	Sorting & lining of timber.	Per Cft.	1/32	1/32
	ii)	Main Felling firewood.	Per %0 Cft.	1 ½	3
	iii)	Ist thinning firewood.	"	1 ½	2 ½
	iv)	IIInd thinning firewood.	"	1 ½	2 ½
	v)	IIIrd thinning firewood.	"	1 ½	3
	vi)	Loading of firewood in Railway Wagons.	Per wagon.	According to local conditions/prevalane rates.	
	vii)	Weighment of firewood.	Per maund.	1/64 cooly days.	
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Sr.No	Item No.	Name of Operation	Unit	Rate in Cooly days	Remarks	
16.CHARCOAL.						
	i)	Preparation of charcoal.	-do-	3/4 According to local conditions/prevalane rates.		
	ii)	Packing of charcoal	Per bag of 20 seers each.	1/20 -do-		
	iii)	Loading of bags of charcoal.	-do-	3/100 -do-		
	iv)	Unloading of bags of charcoal.	-do-	1/40 -do-		
17.KANA STUBBING.						
	i)	Normal block irrigated plants: (crop 2 years and above)	Per acre.	Upto 1/8 cooly days per acre per year according to site conditions.According to site conditions rate to be determined through competitive bids with the approval of C.F. work to be done through Muster Rolls subject to a maximum of 10 cooly days acre.		
	ii)	Others. (-do-)	-do-			
18.MESQUITE ERADICATION FROM MESQUITE INFESTED AREAS.				<u>Cooly days in</u>		
				Temporary Cultivation Area.	area without T.Cultivation.	Linear plantation.
	i)	1 st year crop.) {According to site	Per acre.	Upto 1	6	6
	ii)	2 nd year crop.) conditions and subject	-do-	" ¾	4 ½	4 ½
	iii)	3 rd year crop.) to prior approval of C.F.	-do-	" ¾	4 ½	4 ½
	iv)	4 th year crop.) in each particular case.}	-do-	" ¾	4 ½	4 ½
	v)	5 th year crop.)	-do-	" 3/8	2 ¼	2 ¼
	vi)	6 th year crop & subsequent).	-do-	" 1/8	1	1
19.MISCELLANOUS.						
	i)	<u>Fencing.</u>				
		a) Brushwood fencing of plants.	Per % No.	According to site conditions.		
		b) Dry hedging of plan with sarkanda.	-do-	-do-		
		c) Repairs to fence in the first year only (brushwood /Dry hedging).	-do-	-do-		
20.BOUNDARY DEMARCATION WORKS.						
	i)	Reopening of boundary pasel.	Per %0 Rft.	1 cooly days.		
	ii)	Line sowing of hedge including berm making.	-do-	-do-		
	iii)	Trimming of boundary hedge including cutting of over hanging branches.	-do-	According to site conditions.		
	iv)	Checking of boundary line.	Per %0 Mile.	1 cooly day.		
	v)	Repairs to boundary roads.	-do-	According to site conditions.		
21.CONSTRUCTION & REPAIR OF FIRE LINES AND MOTOR ROADS.			-do-	According to site conditions and after preparing detailed estimated.for the works.		

NOTE:- Where rates have not been given or for those items or work/operations which have been listed here,the rates may be determined by the D.F.O. in consultation with the C.F. concerned under intimation to this office.

Sd/-
Addl.Chief Conservator of Forests,
Punjab Lahore.