

Mahua

COST OF PLANTATION OF TBOs (ONE HA.)

Name of TBO : Mahua
 Botanical name : *Madhuca indica*
 Spacing : 7M X 7M
 No. of plants / ha 200

Mortality / casualty replacement : 20%
 Survival percentage : 80%
 Wage rate (Rs.) : 60/- per MD
 Gestation period (Years) : 8

S.No	Particulars	YEAR														Total		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th			
1	Site preparation i.e. cleaning and levelling of field - 5 MD	300	-	-	-	-	-	-	-	-	-	-	-	-	-	300		
2	Alignment and staking - 2 MD	120	-	-	-	-	-	-	-	-	-	-	-	-	-	120		
3	Digging of pits (200 Nos) of 90 Cm3 size @ 10 pits per MD - 20 MD	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	1200		
4	Cost of FYM (including carriage) 10 Kg. per pits during 1st year (3 MT) 5 Kg. per pit during second year upto 10th year, 10kg per tree from 10th onwards @ Rs. 400/MT	800	400	400	400	400	400	400	400	400	400	400	400	400	400	3600		
5	Cost of fertilizers (1000 gm. per plant during 1st year, 500 gm from 2nd year onward @ Rs. 6/kg and 2 MD for each application.	1320	720	720	720	720	720	720	720	720	720	720	720	720	720	6360		
6	Mixing of FYM, insecticides fertilizers and refilling of pits @200 pits per MD 10 MD	600	-	-	-	-	-	-	-	-	-	-	-	-	-	600		
7	Cost of plants (Including carriage) 200 Nos. during first year and 40 Nos. of plants during second year for replanting @ Rs. 6 per plant.	1200	240	-	-	-	-	-	-	-	-	-	-	-	-	1440		
8	Planting and replanting cost 50 plants per MD.- 4 MD and 1 MD, respectively.	240	60	-	-	-	-	-	-	-	-	-	-	-	-	300		
9	Irrigation (3 times each in first and second year and 2 times in 3rd year onwards) @Rs. 500/- per irrigation.	1500	1500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	9000		
10	Weeding and soil working 4MD 2 times .	480	480	480	480	480	480	480	480	480	480	480	480	480	480	3840		
11	Harvesting of fruits/seeds - 2 MD per 100kg of seed	-	-	-	-	-	-	-	-	-	-	600	1000	1700	2900	3500	4500	14200
12	Plant protection measures with application L.S.	200	200	200	200	500	500	500	500	500	800	800	800	800	800	7300		
	Sub total :	7960	3600	2800	2800	3100	3100	3100	3100	1100	1800	2500	3700	4300	5300	48260		
	Contingency (10% of the above)	796	360	280	280	310	310	310	310	110	180	250	370	430	530	4826		
	Grand Total :	8756	3960	3080	3080	3410	3410	3410	3410	1210	1980	2750	4070	4730	5830	53086		

Jatropha

COST OF PLANTATION OF TBOs (ONE HA.)

Botanical name : *Jatropha curcas* **Survival percentage :** 80%
Spacing : 2M X 2M **Wage rate (Rs.) :** 60/- per MD
No. of plants / ha 2500 **Gestation period (Years) :** 3

[Amount in Rs.]

S.No	Particulars	Year														Total		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th			
1	Site preparation i.e. cleaning and levelling of field - 10 MD	600	-															600
2	Alignment and staking - 5 MD	300	-															300
3	Digging of pits (2500 Nos) of 30 Cm3 size @ 50 pits per MD - 50 MD	3000	-															3000
4	Cost of FYM (including carriage) 2 Kg. per pits duging 1st year (2 MT) 1 Kg. per pit during second year onwards @ Rs. 400/MT	2000	-															2000
5	Cost of fertilizer @ Rs. 6 per kg (50 gm. per plant during 1st year and 25 gm from 2nd year onward and 2 MD for each application.	870	495															1365
6	Mixing of FYM, insecticides fertilizers and refilling of pits @100 pits per MD 25 MD	1500	-															1500
7	Cost of plants (including carriage) 2500 Nos. during first year and 500 Nos. of plants during second year for replanting @ Rs. 4.0 per plant.	10000	2000															
8	Planting and replanting cost 100 plants per MD.- 25 MD and 5 MD, respectively.	1500	300															1800
9	Irrigation - 3 irrigation during 1st and one irrigation during 2nd year @ Rs. 500/- per irrigation.	1500	500															2000
10	Weeding and soil working 10 MD. x 2 times for 2 years	1200	1200															2400
11	Harvesting of fruits/seeds - 2 MD per 100kg of seed	-	-		1500	2400	3000	3000	3000	3000	3000	3000	3000	3000	3000			30900
12	Plant protection measure	300	-															
	Sub total :	22770	4495		1500	2400	3000	3000	3000	3000	3000	3000	3000	3000	3000			58165
	Contingency (10% of the above)	2277	450		450	450	450	450	450	450	450	450	450	450	450			7671
	Grand Total :	25047	4945		1950	2850	3450	3450	3450	3450	3450	3450	3450	3450	3450			65836

Karanja

COST OF PLANTATION OF TBOs (ONE HA.)

Name of TBO : Karanja
 Botanical name : *Pongamia pinnata*
 Spacing : 5M X 4M
 No. of plants / ha 500

Mortality / casualty replacement : 10%
 Survival percentage : 90%
 Wage rate (Rs.) : 60/- per MD
 Gestation period (Years) : 4

S.No	Particulars	YEAR														Total		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th			
1	Site preparation i.e. cleaning and levelling of field - 10 MD	600	-	-	-													600
2	Alignment and staking - 2 MD	120	-	-	-													120
3	Digging of pits (500 Nos) of 60 Cm3 size @ 25 pits per MD - 20 MD	1200	-	-	-													1200
4	Cost of FYM (including carriage) 10 Kg. per pits during 1st year (5 MT) 2 Kg. per plant from second year onward upto 5th year @ Rs. 400/MT	2000	400	400	400													3200
5	Cost of fertilizers @Rs. 6 per kg (500 gms per plant during 1st year and 250 gms per plant from 2nd year onward and 2 MD for each application.	1520	870	870	870													4130
6	Mixing of FYM, insecticides fertilizers and refilling of pits @40 pits per MD 13 MD	780	-	-	-													780
7	Cost of plants (including carriage) 500 Nos. during first year and 50 Nos. of plants during second year for replanting @ Rs. 5.50 per plant.	2750	275	-	-													3025
8	Planting and replanting cost 100 plants per MD.- 5 MD and 1 MD, respectively.	300	60	-	-													360
9	Irrigation - 3 irrigation 1st and 2nd year and one irrigation during 3rd year onward @Rs. 500/- per irrigation.	1500	1500	500	500													4000
10	Weeding and soil working 4 MD. x 2 times	480	480	480	480													1920
11	Plant protection measures	200	400	400	400													1400
12	Harvesting of fruits/seeds - 1 MD per 100 kg	-	-	-	-	2400	3840	5760	7680	9600	10560	11520	11520	11520	11520			85920
	Sub total :	11450	3985	2650	2650	2400	3840	5760	7680	9600	10560	11520	11520	11520	11520			106655
	Contingency (10% of the above)	1145	398.5	265	265	240	384	576	768	960	1056	1152	1152	1152	1152			10666
	Grand Total :	12595	4383.5	2915	2915	2640	4224	6336	8448	10560	11616	12672	12672	12672	12672			117321

Wild apricot

COST OF PLANTATION OF TBOs (ONE HA.)

Name of TBO : Wild apricot Mortality / casualty replacement : 20%
 Botanical name : *Prunus ameniaca* Survival percentage : 80%
 Spacing : 5M X 5M Wage rate (Rs.) : 60/- per MD
 No. of plants / ha 400 Gestation period (Years) : 4

S.No	Particulars	YEAR														Total		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th			
1	Site preparation i.e. cleaning and levelling of field - 10 MD	600	-	-	-													600
2	Alignment and staking - 2 MD	120	-	-	-													120
3	Digging of pits (400 Nos) of 60 Cm3 size @ 25 pits per MD - 16 MD	960	-	-	-													960
4	Cost of FYM (including carriage) 5 Kg. per pits duging 1st year (2 MT) 2 Kg. per plant from second year onward upto 10th year @ Rs. 400/MT	800	400	400	400													2000
5	Cost of fertilizers (500 gm. per plant during 1st year, 250 gm from 2nd year onward @ Rs. 6/kg and 2 MD for each application.	1320	720	720	720													3480
6	Mixing of FYM, insecticides fertilizers and refilling of pits @50 pits per MD 8 MD	480	-	-	-													480
7	Cost of plants (including carriage) 400 Nos. during first year and 80 Nos. of plants during second year for replanting @ Rs. 6.50 per plant.	2600	520	-	-													3120
8	Planting and replanting cost 50 plants per MD.- 8 MD and 2 MD, respectively.	480	120	-	-													600
9	Irrigation (2 times every year) @Rs. 500/- per irrigation.	1000	1000	1000	1000													4000
10	Weeding and soil working 4 MD. x 2 times	480	480	480	480													1920
11	Plant protection measures	200	400	400	400													1400
12	Harvesting of fruits/seeds - 3 MD per 100 kg seeds	-	-	-	-	1200	1800	2800	3700	5200	5800	6600	7200	7500	7800			49600
	Sub total :	9040	3640	3000	3000	1200	1800	2800	3700	5200	5800	6600	7200	7500	7800			68280
	Contingency (10% of the above)	904	364	300	300	120	180	280	370	520	580	660	720	750	780			6828
	Grand Total :	9944	4004	3300	3300	1320	1980	3080	4070	5720	6380	7260	7920	8250	8580			75108

Neem

COST OF PLANTATION OF TBOs (ONE HA.)

Name of TBO : Neem
 Botanical name : *Azadirachta indica*
 Spacing : 5M X 5M
 No. of plants / ha 400

Mortality / casualty replacement : 20%
 Survival percentage : 80%
 Wage rate (Rs.) : 60/- per MD
 Gestation period (Years) : 5

S.No	Particulars	YEAR														Total		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th			
1	Site preparation i.e. cleaning and levelling of field - 10 MD	600	-	-	-	-												600
2	Alignment and staking - 2 MD	120	-	-	-	-												120
3	Digging of pits (400 Nos) of 60 Cm3 size @ 25 pits per MD - 16 MD	960	-	-	-	-												960
4	Cost of FYM (including carriage) 10 Kg. per pits during 1st year (4 MT) 2 Kg. per plant from second year onward upto 5th year @ Rs. 400/MT	1600	400	400	400	400												3200
5	Cost of fertilizers (500 gm. per plant during 1st year, 250 gm from 2nd year onward @ Rs. 6/kg and 2 MD for each application.	1320	720	720	720	720												4200
6	Mixing of FYM, insecticides fertilizers and refilling of pits @40 pits per MD 10 MD	600	-	-	-	-												600
7	Cost of plants (including carriage) 400 Nos. during first year and 80 Nos. of plants during second year for replanting @ Rs. 5.00 per plant.	2000	400	-	-	-												2400
8	Planting and replanting cost 100 plants per MD.- 4 MD and 1 MD, respectively.	240	60	-	-	-												300
9	Irrigation - 3 irrigations in first year and 2 irrigation during 2nd year onward @Rs. 500/- per irrigation.	1500	1000	1000	1000	1000												5500
10	Weeding and soil working 4 MD x 2 times.	480	480	480	480	480												2400
11	Harvesting of fruits/seeds - 1 MD per 100 kg seeds	-	-	-	-	-	300	420	720	1140	1440	1680	1920	2160	2400			12180
	Sub total :	9420	3060	2600	2600	2600	300	420	720	1140	1440	1680	1920	2160	2400			32460
	Contingency (10% of the above)	942	306	260	260	260	30	42	72	114	144	168	192	216	240			3246
	Grand Total :	10362	3366	2860	2860	2860	330	462	792	1254	1584	1848	2112	2376	2640			35706

Kokum

COST OF PLANTATION OF TBOs (ONE HA.)

Name of TBO : Kokum
 Botanical name : *Garcinia indica*
 Spacing : 6M X 6M
 No. of plants / ha 250 (M:F=50:50)

Mortality / casualty replacement : 40%
 Survival percentage : 60%
 Wage rate (Rs.) : 60/- per MD
 Gestation period (Years) : 6

S.No	Particulars	YEAR														Total	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th		
1	Site preparation i.e. cleaning and levelling of field - 10 MD	600	-	-	-	-	-										600
2	Alignment and staking - 2 MD	120	-	-	-	-	-										120
3	Digging of pits (250 Nos) of 60 Cm3 size @ 25 pits per MD - 10 MD	600	-	-	-	-	-										600
4	Cost of FYM (including carriage) 10 Kg. per pits during 1st year (2.5 MT) 2 Kg. per plant from second year upto 5th year, 3kg per tree from 6th year upto 10th year	1000	200	200	200	200	300										2100
5	Cost of fertilizers (500 gm. per plant during 1st year, 250 gm from 2nd year onward @ Rs. 6/kg and 2 MD for each application.	870	500	500	500	500	500										3370
6	Mixing of FYM, insecticides fertilizers and refilling of pits @40 pits per MD 6 MD	360	-	-	-	-	-										360
7	Cost of plants (including carriage) 500 Nos. during first year and 100 Nos. of plants during second year for replanting @ Rs. 6.00 per plant.	3000	500	-	-	-	-										3500
8	Planting and replanting cost 100 plants per MD.- 5 MD and 1 MD, respectively.	300	60	-	-	-	-										360
9	Irrigation - 2 irrigation in first year and 1 irrigation from 2nd year onwards @ Rs. 500/-per irrigation.	1000	500	500	500	500	500										3500
10	Weeding and soil working 4 MD x 2 times,	480	480	480	480	480	480										2880
11	Plant protection measures	500	500	500	500	500	600										3100
12	Harvesting of fruits/seeds - 2 MD per 100 kg seed	-	-	-	-	-	-	240	360	720	1080	1200	1440	1400	1400		7840
	Sub total :	8830	2740	2180	2180	2180	2380	240	360	720	1080	1200	1440	1400	1400		28330
	Contingency (10% of the above)	883	274	218	218	218	238	24	36	72	108	120	144	140	140		2833
	Grand Total :	9713	3014	2398	2398	2398	2618	264	396	792	1188	1320	1584	1540	1540		31163

Simarouba

COST OF PLANTATION OF TBOs (ONE HA.)

Name of TBO : Simarouba Mortality / casualty replacement : 20%
 Botanical name : *Simarouba glauca* Survival percentage : 80%
 Spacing : 5M X 4M Wage rate (Rs.) : 60/- per MD.
 No. of plants / ha 500 Gestation period (Years) : 5

S.No	Particulars	YEAR														Total		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th			
1	Site preparation i.e. cleaning and levelling of field - 10 MD	600	-	-	-	-												600
2	Alignment and staking - 2 MD	120	-	-	-	-												120
3	Digging of pits (500 Nos) of 60 Cm3 size @ 25 pits per MD - 20 MD	1200	-	-	-	-												1200
4	Cost of FYM (including carriage) 10 Kg. per pits duging 1st year (5 MT) 2 Kg. per plant from second year upto 10th year @ Rs. 400/MT	2000	400	400	400	400												3600
5	Cost of fertilizers (500 gm. per plant during 1st year, 250 gm from 2nd year onward @ Rs. 6/kg and 2 MD for each application.	1620	870	870	870	870												5100
6	Mixing of FYM, insecticides fertilizers and refilling of pits @40 pits per MD 13 MD	780	-	-	-	-												780
7	Cost of plants (including carriage) 1000 Nos. during first year and 200 Nos. of plants during second year for replanting @ Rs. 6/- per plant.	6000	1200	-	-	-												7200
8	Planting and replanting cost 200 plants per MD 5 MD and 1 MD, respectively.	300	60	-	-	-												360
9	Irrigation - 3 irrigation in first year and 2 irrigation from 2nd year onwards @ Rs. 500/-per irrigation.	1500	1000	1000	1000	1000												5500
10	Weeding and soil working 2 MD. x 2 times,	240	240	240	240	240												1200
11	Plant protection measures	400	400	400	400	400												2000
12	Harvesting of fruits/seeds - 2 MD per 100 kg seed	-	-	-	-	240	360	480	600	720	840	960	1080	1200	1320			7800
	Sub total :	14760	4170	2910	2910	3150	360	480	600	720	840	960	1080	1200	1320			35460
	Contingency (10% of the above)	1476	417	291	291	315	36	48	60	72	84	96	108	120	132			3546
	Grand Total :	16236	4587	3201	3201	3465	396	528	660	792	924	1056	1188	1320	1452			39006

Tung

COST OF PLANTATION OF TBOs (ONE HA.)

Name of TBO : Tung
 Botanical name : *Aleurites species*
 Spacing : 5M X 4M
 No. of plants / ha 500

Mortality / casualty replacement : 40%
 Survival percentage : 60%
 Wage rate (Rs.) : 60/- per MD
 Gestation period (Years) : 4

S.No	Particulars	YEAR														Total		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th			
1	Site preparation i.e. cleaning and levelling of field - 10 MD	600	-	-	-													600
2	Alignment and staking - 2 MD	120	-	-	-													120
3	Digging of pits (500 Nos) of 60 Cm3 size @ 25 pits per MD - 20 MD	1200	-	-	-													1200
4	Cost of FYM (including carriage) 10 Kg. per pits duging 1st year (5 MT) 2 Kg. per plant from second year onwards @ Rs. 400/- MT.	2000	400	400	400													3200
5	Cost of fertilizers (500 gm. per plant during 1st year, 250 gm from 2nd year onward @ Rs. 6/kg and 2 MD for each application.	1620	870	870	870													4230
6	Mixing of FYM, insecticides fertilizers and refilling of pits @40 pits per MD 13 MD	780	-	-	-													780
7	Cost of plants (including carriage) 500 Nos. during first year and 200 Nos. of plants during second year for replanting @ Rs. 6/- per plant.	3000	1200	-	-													4200
8	Planting and replanting cost 100 plants per MD.- 5 MD and 2 MD, respectively.	300	120	-	-													420
9	Irrigation - 3 irrigation in first year and 2 irrigation from 2nd year onwards @ Rs. 500/-per irrigation.	1500	1000	1000	1000													4500
10	Weeding and soil working 4 MD. x 2 times	480	480	480	480													1920
11	Plant protection measures	500	500	500	500													2000
12	Harvesting of fruits/seeds - 2 MD per 100 kg seed	-	-	-	-	480	720	960	1440	1920	2160	2640	3120	3600	3840			20880
	Sub total :	12100	4570	3250	3250	480	720	960	1440	1920	2160	2640	3120	3600	3840			44050
	Contingency (10% of the above)	1210	457	325	325	48	72	96	144	192	216	264	312	360	384			4405
	Grand Total :	13310	5027	3575	3575	528	792	1056	1584	2112	2376	2904	3432	3960	4224			48455

Cheura

COST OF PLANTATION OF TBOs (ONE HA.)

Name of TBO : Cheura
 Botanical name : *Diploknema butyracea*
 Spacing : 6M X 6M
 No. of plants / ha 250

Mortality / casualty replacement : 25%
 Survival percentage : 75%
 Wage rate (Rs.) : 60/- per MD
 Gestation period (Years) : 4

S.No	Particulars	YEAR												Total			
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th		13th	14th	
1	Site preparation i.e. cleaning and levelling of field - 10 MD	600	-	-	-												600
2	Alignment and staking - 2 MD	120	-	-	-												120
3	Digging of pits (250 Nos) of 60 Cm3 size @ 25 pits per MD - 20 MD	600	-	-	-												600
4	Cost of FYM (including carriage) 5 Kg. per pit duging 1st year (1.25 MT) 2 Kg. per plant from second year onwards @Rs. 400/ MT	500	200	200	200												1100
5	Cost of fertilizers (500 gm. per plant during 1st year, 250 gm from 2nd year onward @ Rs. 6/kg and 2 MD for each application.	870	500	500	500												2370
6	Mixing of FYM, insecticides fertilizers and refilling of pits @50 pits per MD - 5 MD	300	-	-	-												300
7	Cost of plants (including carriage) 250 Nos. during first year and 60 Nos. of plants during second year for replanting @ Rs. 7/- per plant.	1750	420	-	-												2170
8	Planting and replanting cost 100 plants per MD.- 3 MD and 1 MD, respectively.	180	60	-	-												240
9	Irrigation - 2 irrigation every year @ Rs. 500/-per irrigation.	1000	1000	1000	1000												4000
10	Weeding and soil working 4 MD. x 2 times	480	480	480	480												1920
11	Plant protection measures	500	500	500	500												2000
12	Harvesting of fruits/seeds - 2 MD per 100 kg seed	-	-	-	-	720	2160		5400		10800		14400				33480
	Sub total :	6900	3160	2680	2680	720	0	2160	0	5400	0	10800	0	14400	0		48900
	Contingency (10% of the above)	690	316	268	268	72	0	216	0	540	0	1080	0	1440	0		4890
	Grand Total :	7590	3476	2948	2948	792	0	2376	0	5940	0	11880	0	15840	0		53790