


Financial Year Wise split of per Plant Nursery Cost for different Species to be raised in Poly Bags for the year 2018-19 at the basic wage rate of ₹225/- per day

Financial Year	Chil/ Other BLs				Ban				Deodar				Fir/ Spruce	
	Normal (1½ Year Old)		Tall (2½ Year Old)		Normal (2½ Year Old)		Tall (3½ Year Old)		Normal (2½ Year Old)		Tall (3½ Year Old)		Normal (4½ Year Old)	
	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal
1st	7.74	9.12	7.74	9.12	8.70	10.37	8.70	10.37	1.49	1.79	1.49	1.79	1.45	1.74
2 nd	4.30	5.38	31.57	35.86	4.31	5.38	4.31	5.38	11.20	13.49	11.20	13.49	7.43	8.99
3rd	2.15	2.69	7.05	8.80	4.31	5.38	31.57	35.86	3.77	4.71	31.03	35.18	3.77	4.71
4 th	--	--	3.80	4.75	2.15	2.69	7.04	8.81	1.61	2.02	6.50	8.13	18.54	21.32
5 th	--	--	--	--	--	--	3.80	4.75	--	--	3.26	4.07	3.77	4.71
6 th	--	--	--	--	--	--	--	--	--	--	--	--	1.62	2.02
Total Cost	14.19	17.19	50.16	58.53	19.47	23.82	55.42	65.17	18.07	22.01	53.48	62.66	36.58	43.49


 Pr. Chief Conservator of Forests (HOFF)
 Himachal Pradesh, Shimla

COST OF RAISING NORMAL CHIL & BROADLEAVED PLANTS IN POLYBAGS IN THE NURSERY (1½ year old)

Calculated for 100 plants on the wage rate of Rs. 225 for Non Tribal areas and Rs. 281 for Tribal areas

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
First Financial Year Activities (From Seed sowing to March)						
1	Preparing of nursery beds including layout	Sqm	28.70	0.69	21.21	26.51
2	Filling of P/bags of size 5"x9" including collection, carriage, sieving of soil, mixing of manure/humus, insecticide/ pesticide	No./100	381.99	1	409.26	511.58
3	Lining of P/bags	No./100	27.30	1	29.25	36.56
4	Sowing of seed in polythene bags	%	23.80	1	25.50	31.88
5	Mulching of polythene bags	%	7.42	1	7.95	9.94
6	Resowing of seed (20%)	%	23.80	0.2	5.10	6.38
7	Hand watering of P/bags (20 days)	No./100	2.52	20	54.00	67.50
8	Cost of vermi compost	Kg	7.00	17	119.00	119.00
9	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
10	Cost of polythene bags	Kg	160.00	0.3	48.00	48.00
11	Cost of seed	LS	20.00	LS	20.00	20.00
12	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.039	19.50	19.50
Total Cost in First Financial Year					773.77	911.85
Or say					774.00	912.00
Per plant cost for 1st year					7.74	9.12
Second Financial Year Activities (April to March)						
1	Hand watering of P/bags (120 days)	No./100	2.52	120	323.99	404.99
2	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
3	Shifting and grading of plants	No./100	33.60	1	36.00	45.00
Total Cost in Second Financial Year					430.79	538.49
Or say					430.00	538.00
Per plant cost for 2nd year					4.30	5.38
Third Financial Year Activities (April to March)						
1	Hand watering of P/bags (60 days)	No./100	2.52	60	162.00	202.50
2	Weeding and hoeing of plants (1 time)	No./100	16.52	1	17.70	22.13
3	Shifting and grading of plants	No./100	33.60	1	36.00	45.00
Total Cost in Third Financial Year					215.70	269.63
Or say					215.00	269.00
Per plant cost for 3rd year					2.15	2.69
G. TOTAL of costs for 3 years					1419.00	1719.00
Total cost per Plant					14.19	17.19

COST OF RAISING TALL CHIL & BROAD LEAVED PLANTS IN POLY BAGS IN NURSERY (2½ year old)

Calculated for 100 plants on the wage rate of Rs. 225 for Non Tribal areas and Rs. 281 for Tribal areas

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
First Financial Year Activities (Seed sowing to March)						
1	Preparing of nursery beds including layout	Sqm	28.70	0.69	21.21	26.51
2	Filling of P/bags of size 5"x9" including collection, carriage and sieving of soil, mixing of manure/humus, insecticide/ pesticide	No./100	381.99	1	409.26	511.58
3	Lining of P/bags	No./100	27.30	1	29.25	36.56
4	Sowing of seed in polythene bags	%	23.80	1	25.50	31.88
5	Mulching of polythene bags	%	7.42	1	7.95	9.94
6	Resowing of seed (20%)	%	23.80	0.2	5.10	6.38
7	Hand watering of P/bags (20 days)	No./100	2.52	20	54.00	67.50
8	Cost of vermi compost	Kg	7.00	17	119.00	119.00
9	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
10	Cost of polythene bags	Kg	160.00	0.3	48.00	48.00
11	Cost of seed	LS	20.00	LS	20.00	20.00
12	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.039	19.50	19.50
Total Cost in First Financial Year					773.77	911.85
or say					774.00	912.00
Per plant cost for 1st year					7.74	9.12
Second Financial Year Activities (April to March)						
1	Preparing of nursery beds including layout for accomodating 9"x16" P/Bags	Sqm	28.70	2.04	62.73	78.41
2	Filling of P/bags of size 9"x16" by collection, sieving and carriage of soil, mixing of Sand/manure/ humus/vermicompost/ insecticide/ pesticide including transplanting of plants already grown in 5"x9" P/bags into 9"x16" size P/bag which also include the removal of a part of ball of earth and untwining of roots.	No./100	1111.88	1	1191.27	1489.09
3	Lining of P/bags	No./100	61.21	1	65.58	81.98
4	Hand watering of P/bags (120 days)	No./100	2.52	120	323.99	404.99
5	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
6	Cost of vermi compost	Kg	7.00	134	938.00	938.00
7	Cost of insecticide/ pesticide	LS	-	-	80.00	80.00
8	Cost of polythene bags	Kg	160.00	2	320.00	320.00
9	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.21	105.00	105.00
Total Cost in Second Financial Year					3157.37	3585.97
or Say					3157.00	3586.00
Per plant cost for 2nd year					31.57	35.86

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
Third Financial Year Activities (April to March)						
1	Preparing nursery beds to shift 9"x16" P bags at a spacing of 9" row to row	Sq Mtr	28.70	3.57	109.78	137.23
2	Shifting and Grading of Plants at a spacing of 9" row to row	No./100	186.80	1	200.14	250.18
3	Hand watering of P/bags (120 days)	No./100	2.52	120	323.99	404.99
4	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
Total Cost in 3rd Financial Year					704.71	880.90
or say					705.00	880.00
Per plant cost for 3rd year					7.05	8.80
Fourth Financial Year Activities (April to June)						
1	Hand watering of P/bags (60 days)	No./100	2.52	60	162.00	202.50
2	Weeding and hoeing of plants (1 time)	No./100	16.52	1	17.70	22.13
3	Shifting and Grading of Plants	No./100	186.80	1	200.14	250.18
Total Cost in fourth Financial Year					379.84	474.81
or say					380.00	475.00
Per plant cost for 4th year					3.80	4.75
G. TOTAL of costs for 4 years					5016.00	5853.00
Total cost per Plant					50.16	58.53

COST OF RAISING NORMAL BAN PLANTS IN POLY BAGS IN NURSERY

(2½ year old)

Calculated for 100 plants on the wage rate of Rs. 225 for Non Tribal areas and Rs. 281 for Tribal areas

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
First Financial Year Activities (From Seed sowing to March)						
1	Preparing of nursery beds including layout	Sqm	28.70	0.69	21.21	26.51
2	Filling of P/bags of size 5"x9" including collection, carriage, sieving of soil, mixing of manure/humus, insecticide/ pesticide	No./100	381.99	1	409.26	511.58
3	Lining of P/bags	No./100	27.30	1	29.25	36.56
4	Sowing of seed in polythene bags	%	23.80	1	25.50	31.88
5	Mulching of polythene bags	%	7.42	1	7.95	9.94
6	Resowing of seed (20%)	%	23.80	0.2	5.10	6.38
7	Hand watering of P/bags (20 days)	No./100	2.52	20	54.00	67.50
8	Cost of vermi compost	Kg	7.00	17	119.00	119.00
9	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
10	Cost of polythene bags	Kg	160.00	0.3	48.00	48.00
11	Cost of seed	Kg	152.60	0.76	115.98	144.98
12	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.039	19.50	19.50
Total Cost in First Financial Year					869.75	1036.83
Or say					870.00	1037.00
Per plant cost for 1st year					8.70	10.37
Second Financial Year Activities (April to March)						
1	Hand watering of P/bags (120 days)	No./100	2.52	120	323.99	404.99
2	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
3	Shifting and grading of plants	No./100	33.60	1	36.00	45.00
Total Cost in Second Financial Year					430.79	538.49
Or say					431.00	538.00
Per plant cost for 2nd year					4.31	5.38
Third Financial Year Activities (April to March)						
1	Hand watering of P/bags (120 days)	No./100	2.52	120	323.99	404.99
2	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
3	Shifting and grading of plants	No./100	33.60	1	36.00	45.00
Total Cost in Third Financial Year					430.79	538.49
Or say					431.00	538.00
Per plant cost for 3rd year					4.31	5.38

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
Fourth Financial Year Activities (April to June)						
1	Hand watering of P/bags (60 days)	No./100	2.52	60	162.00	202.50
2	Weeding and hoeing of plants (1 time)	No./100	16.52	1	17.70	22.13
3	Shifting and grading of plants	No./100	33.60	1	36.00	45.00
	Total Cost in Fourth Financial Year				215.70	269.63
	Or say				215.00	269.00
	Per plant cost for 4th year				2.15	2.69
	G. TOTAL of costs for 4 years				1947.00	2382.00
	Total cost per Plant				19.47	23.82

COST OF RAISING TALL BAN PLANTS IN POLY BAGS IN NURSERY

(3½ year old)

Calculated for 100 plants on the wage rate of Rs. 225 for Non Tribal areas and Rs. 281 for Tribal areas

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
First Financial Year Activities (Seed sowing to March)						
1	Preparing of nursery beds including layout	Sqm	28.70	0.69	21.21	26.51
2	Filling of P/bags of size 5"x9" including collection, carriage, sieving of soil, mixing of manure/humus,	No./100	381.99	1	409.26	511.58
3	Lining of P/bags	No./100	27.30	1	29.25	36.56
4	Sowing of seed in polythene bags	%	23.80	1	25.50	31.88
5	Mulching of polythene bags	%	7.42	1	7.95	9.94
6	Resowing of seed (20%)	%	23.80	0.2	5.10	6.38
7	Hand watering of P/bags (20 days)	No./100	2.52	20	54.00	67.50
8	Cost of vermi compost	Kg	7.00	17	119.00	119.00
9	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
10	Cost of polythene bags	Kg	160.00	0.3	48.00	48.00
11	Cost of seed	Kg	152.60	0.76	115.98	144.98
12	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.039	19.50	19.50
Total Cost in First Financial Year					869.75	1036.83
or say					870.00	1037.00
Per plant cost for 1st year					8.70	10.37
Second Financial Year Activities (April to March)						
1	Hand watering of P/bags (120 days)	No./100	2.52	120	323.99	404.99
2	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
3	Shifting and grading of plants	No./100	33.60	1	36.00	45.00
Total Cost in Second Financial Year					430.79	538.49
Or say					431.00	538.00
Per plant cost for 2nd year					4.31	5.38
Third Financial Year Activities (April to March)						
1	Preparing of nursery beds including layout for accomodating 9"x16" P/Bags	Sqm	28.70	2.04	62.73	78.41
2	Filling of P/bags of size 9"x16" by collection, sieving and carriage of soil, mixing of Sand/manure/ humus/vermicompost/ insecticide/ pesticide including transplanting of plants already grown in 5"x9" P/bags into 9"x16" size P/bag which also include the removal of a part of ball of earth and untwining of roots.	No./100	1111.88	1	1191.27	1489.09
3	Lining of P/bags	No./100	61.21	1	65.58	81.98
4	Hand watering of P/bags (120 days)	No./100	2.52	120	323.99	404.99
5	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
7	Cost of vermi compost	Kg	7.00	134	938.00	938.00

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
8	Cost of insecticide/ pesticide	LS	-	-	80.00	80.00
9	Cost of polythene bags	Kg	160.00	2	320.00	320.00
10	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.21	105.00	105.00
Total Cost in Third Financial Year					3157.37	3585.97
or Say					3157.00	3586.00
Per plant cost for 3rd year					31.57	35.86
Fourth Financial Year Activities (April to March)						
1	Preparing nursery beds to shift 9"x16" P bags at a spacing of 9" row to row	Sq Mtr	28.70	3.57	109.78	137.23
2	Shifting and Grading of Plants at a spacing of 10" row to row	No./100	186.80	1	200.14	250.18
3	Hand watering of P/bags (120 days)	No./100	2.52	120	323.99	404.99
4	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
Total Cost in 4th Financial Year					704.71	880.90
or say					704.00	881.00
Per plant cost for 4th year					7.04	8.81
Fifth Financial Year Activities (April to June)						
1	Hand watering of P/bags (60 days)	No./100	2.52	60	162.00	202.50
2	Weeding and hoeing of plants (1 time)	No./100	16.52	1	17.70	22.13
3	Shifting and Grading of Plants	No./100	186.80	1	200.14	250.18
Total Cost in Fifth Financial Year					379.84	474.81
or say					380.00	475.00
Per plant cost for 5th year					3.80	4.75
G. TOTAL of costs for 5 years					5542.00	6517.00
Total cost per Plant					55.42	65.17

COST OF RAISING NORMAL DEODAR PLANTS IN POLY BAGS IN NURSERY

(2½ year old)

Calculated for 100 plants on the wage rate of Rs. 225 for Non Tribal areas and Rs. 281 for Tribal areas

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
First Financial Year Activities (From Sowing to March)						
1	Preparation of nursery beds including layout	Sqm	28.70	1	30.75	38.44
2	Mixing of vermi compost in the gemination bed	Sqm	3.92	1	4.20	5.25
3	Application of insecticide/pesticide in the bed	Sqm	2.80	1	3.00	3.75
4	Line sowing of seed	Sqm	11.62	1	12.45	15.56
5	Hand watering of plants in bed (20 Times)	Sqm	2.52	20	54.00	67.50
6	Mulching in nursery beds	Sqm	5.74	1	6.15	7.69
7	Cost of deodar seed	Kg	372.00	0.025	9.30	11.63
8	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
9	Cost of vermi compost	Kg	7.00	2.00	14.00	14.00
Total cost in first Financial year					148.85	178.82
or say					149.00	179.00
Per plant cost for 1st year					1.49	1.79
Second Financial Year Activities (April to March)						
1	Preparing of nursery beds including layout for accomodating p bags	Sqm	28.70	0.69	21.21	26.51
2	Filling of P/bags of size 5"x9" including collection carriage sieving of soil, mixing of mannure/humus,	No./100	381.99	1	409.26	511.58
3	Lining of P/bags	No./100	27.30	1	29.25	36.56
4	Pricking and setting of seedlings in P/bags	No./100	76.30	1	81.75	102.19
5	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
6	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
7	Shifting and grading of Plants	No./100	33.60	1	36.00	45.00
8	Cost of vermi compost	Kg	7.00	17	119.00	119.00
9	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
10	Cost of polythene bags	Kg	160.00	0.3	48.00	48.00
11	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.039	19.50	19.50
Total cost in second Financial year					1119.76	1349.33
or say					1120.00	1349.00
Per plant cost for 2nd year					11.20	13.49
Third Financial Year Activities (April to March)						
1	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
2	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
3	Shifting and Grading of plants	No./100	33.60	1	36.00	45.00
Total cost in third Financial year					376.79	470.99
or say					377.00	471.00
Per plant cost for 3rd year					3.77	4.71

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
Fourth Financial Year Activities (April to June)						
1	Hand watering of P/bags (40 days)	No./100	2.52	40	108.00	135.00
2	Weeding and hoeing of plants (1 time)	No./100	16.52	1	17.70	22.13
3	Shifting and Grading of plants	No./100	33.60	1	36.00	45.00
	Total cost in Fourth Financial year				161.70	202.13
	or say				161.00	202.00
	Per plant cost for 4th year				1.61	2.02
	G. TOTAL of costs for 4 years				1807.00	2201.00
	Total cost per plant				18.07	22.01

COST OF RAISING TALL DEODAR PLANTS IN POLY BAGS IN NURSERY (3½ year old)

Calculated for 100 plants on the wage rate of Rs. 225 for Non Tribal areas and Rs. 281 for Tribal areas

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
First Financial Year Activities (Sowing to March)						
1	Preparation of nursery beds including layout	Sqm	28.70	1	30.75	38.44
2	Mixing of vermi compost in the gemination bed	Sqm	3.92	1	4.20	5.25
3	Application of insecticide/pesticide in the bed	Sqm	2.80	1	3.00	3.75
4	Line sowing of seed	Sqm	11.62	1	12.45	15.56
5	Hand watering of plants in bed 20 Times	Sqm	2.52	20	54.00	67.50
6	Mulching in nursery beds	Sqm	5.74	1	6.15	7.69
7	Cost of vermi compost including carriage upto nursery	Kg	7.00	2	14.00	14.00
8	Cost of seed	Kg	372.00	0.025	9.30	11.63
9	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
Total cost in first Financial year					148.85	178.82
or say					149.00	179.00
Per plant cost for 1st year					1.49	1.79
Second Financial Year Activities (April to March)						
1	Preparing of nursery beds including layout for accomodating 5"x9" P/Bags	Sqm	28.70	0.69	21.21	26.51
2	Filling of P/bags of size 5"x9" including collection, carriage & sieving of soil, mixing of mannure/humus, insecticide/ pesticide including collection & carriage of soil	No./100	381.99	1	409.26	511.58
3	Lining of P/bags	No./100	27.30	1	29.25	36.56
4	Pricking and setting of seedlings in P/bags	No./100	76.30	1	81.75	102.19
5	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
6	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
7	Shifting and grading of Plants	No./100	33.60	1	36.00	45.00
8	Cost of vermi compost	Kg	7.00	17	119.00	119.00
9	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
10	Cost of polythene bags	Kg	160.00	0.3	48.00	48.00
11	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.039	19.50	19.50
Total cost in 2nd Financial year					1119.76	1349.33
or say					1120.00	1349.00
Per plant cost for 2nd year					11.20	13.49

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
Third Financial Year Activities (April to March)						
1	Preparing of nursery beds including layout for accomodating 9"x16" P/Bags	Sqm	28.70	2.04	62.73	78.41
2	Filling of P/bags of size 9"x16" by collection, carriage sieving of soil, mixing of Sand/manure/humus/vermicompost/ insecticide/ pesticide including transplanting of plants already grown in 5"x9" P/bags into 9"x16" size P/bag which also include the removal of a part of ball of earth and untwining of roots.	No./100	1111.88	1	1191.27	1489.09
3	Lining of P/bags	No./100	61.21	1	65.58	81.98
4	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
5	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
6	Cost of vermi compost	Kg	7.00	134	938.00	938.00
7	Cost of insecticide/ pesticide	LS	-	-	80.00	80.00
8	Cost of polythene bags	Kg	160.00	2	320.00	320.00
9	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.21	105.00	105.00
Total cost in third Financial year					3103.37	3518.47
or say					3103.00	3518.00
Per plant cost for 3rd year					31.03	35.18
Fourth Financial Year Activities (April to March)						
1	Preparing nursery beds to increase the spacing of 9"x16" P bags to 9" row to row	Sq Mtr	28.70	3.57	109.78	137.23
2	Shifting and Grading of Plants at a spacing of 9" row to row	No./100	186.80	1	200.14	250.18
3	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
4	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
Total cost in Fourth Financial year					650.71	813.40
or say					650.00	813.00
Per plant cost for 4th year					6.50	8.13
Fifth Financial Year Activities (April to June)						
1	Hand watering of P/bags (40 days)	No./100	2.52	40	108.00	135.00
2	Weeding and hoeing of plants (1 times)	No./100	16.52	1	17.70	22.13
3	Shifting and Grading of P/Bags	No./100	186.80	1	200.14	250.18
Total cost in 5th Financial year					325.84	407.31
or say					326.00	407.00
Per plant cost for 5th year					3.26	4.07
G. TOTAL of costs for 5 years					5348.00	6266.00
Total cost per plant					53.48	62.66

COST OF RAISING NORMAL FIR/SPRUCE PLANTS IN POLY BAGS IN NURSERY (4½ year old)

Calculated for 100 plants on the wage rate of Rs. 225 for Non Tribal areas and Rs. 281 for Tribal areas

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
First Financial Year Activities (Sowing to March)						
1	Preparation of nursery beds including layout	Sqm	28.70	1	30.75	38.44
2	Mixing of vermi compost in the gemination bed	Sqm	3.92	1	4.20	5.25
3	Application of insecticide/pesticide in the bed	Sqm	2.80	1	3.00	3.75
4	Line sowing of seed	Sqm	11.62	1	12.45	15.56
5	Hand watering of plants in bed (20 Times)	Sqm	2.52	20	54.00	67.50
6	Mulching in nursery beds	Sqm	5.74	1	6.15	7.69
7	Cost of seed	Kg	525.00	0.01	5.25	6.56
8	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
9	Cost of vermi compost	Kg	7	2	14.00	14.00
Total cost in first Financial year					144.80	173.75
or say					145.00	174.00
Per plant cost for 1st year					1.45	1.74
Second Financial Year Activities (April to March)						
1	Preparing of nursery beds including layout	Sqm	28.70	0.44	13.53	16.91
2	Filling of P/bags of size 4"x6" including collection, carriage, sieving of soil, mixing of manure/humus, insecticide/ pesticide	No./100	147.14	1	157.65	197.06
3	Lining of P/bags	No./100	27.30	1	29.25	36.56
4	Pricking and setting of seedlings in P/bags	No./100	76.30	1	81.75	102.19
5	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
6	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
7	Cost of vermi compost	Kg	7.00	9.3	65.10	65.10
8	Cost of insecticide/ pesticide	LS	-	-	15.00	15.00
9	Cost of polythene bags	Kg	160.00	0.2	32.00	32.00
10	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.0166	8.30	8.30
Total cost in second Financial year					743.37	899.11
or say					743.00	899.00
Per plant cost for 2nd year					7.43	8.99
Third Financial Year Activities (April to March)						
1	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
2	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
3	Shifting and Grading of plants	No./100	33.60	1	36.00	45.00
Total cost in third Financial year					376.79	470.99
or say					377.00	471.00
Per plant cost for 3rd year					3.77	4.71

Sr. No.	Activity	Unit	Rate	Qty.	Amount (in Rs.)	
					For Non Tribal areas	For Tribal Areas
Fourth Financial Year Activities (April to March)						
1	Preparing of nursery beds including layout for accomodating 7"x15" P/Bags	Sqm	28.70	1.23	37.82	47.28
2	Filling of P/bags of size 7"x15" by collection, carriage sieving of soil, mixing of Sand/manure/ humus/vermicompost/ insecticide/ pesticide including transplanting of plants already grown in 4"x6" P/bags into 7"x15" size P/bag which also include the removal of a part of ball of earth and untwining of roots.	No./100	624.82	1	669.43	836.79
3	Lining of P/bags	No./100	61.21	1	65.58	81.98
4	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
5	Weeding and hoeing of plants (4 times)	No./100	16.52	4	70.80	88.50
6	Cost of vermi compost	Kg	7.00	74	518.00	518.00
7	Cost of insecticide/ pesticide	LS	-	-	80.00	80.00
8	Cost of polythene bags	Kg	160.00	0.5	80.00	80.00
9	Cost of procurement of sand including its carriage upto nursery	Cu Mt	500.00	0.125	62.50	62.50
Total cost in third Financial year					1854.12	2132.54
or say					1854.00	2132.00
Per plant cost for 3rd year					18.54	21.32
Fifth Financial Year Activities (April to March)						
1	Hand watering of P/bags (100 days)	No./100	2.52	100	269.99	337.49
2	Weeding and hoeing of plants (4 time)	No./100	16.52	4	70.80	88.50
3	Shifting and Grading of plants	No./100	33.60	1	36.00	45.00
Total cost in Fourth Financial year					376.79	470.99
or say					377.00	471.00
Per plant cost for 5th year					3.77	4.71
Sixth Financial Year Activities (April to June)						
1	Hand watering of P/bags (40 days)	No./100	2.52	40	108.00	135.00
2	Weeding and hoeing of plants (1Time)	No./100	16.52	1	17.70	22.13
3	Shifting and Grading of plants	No./100	33.60	1	36.00	45.00
Total cost in 6th Financial year					161.70	202.13
or say					162.00	202.00
Per plant cost for 6th year					1.62	2.02
G. TOTAL of costs for 6 years					3658.00	4349.00
Total cost per plant					36.58	43.49