

CSIR-Institute of Himalayan Bioresource Technology, Palampur (H.P.)

Price List of Planting Material for Financial Year 2019-20 (Biotechnology)

Sr. No.	Plant Species	Raised through	Time of Availability (Month)	Size/height of the available plants species	Price per plant (Rs.)	Being maintained in under nursery condition
Miscellaneous plants						
1.	<i>Ginkgo biloba</i>	Cuttings	Readily available	80-100cm 20-25 cm	250.00	Polysleeves
2.	Large cardamom	Originally tissue cultured	As per demand	20 cm and above	25.00	Polysleeves
Bamboos						
3.	<i>Dendrocalamus hamiltonii</i> (maggar bamboo)	Cuttings/seeds	June-July	30-40 cm	60.00	Polysleeves
4.	<i>D. giganteous</i> (giant bamboo)	Cuttings/ seeds	June-July	30-45 cm	300.00	Polysleeves
5.	<i>Bambusa balcoa</i>	Tissue culture	June-July	30-45 cm	100.00	Polysleeves
6.	<i>Bambusa bambos</i> (spiny bamboo for bio fencing)	Seeds	Readily available	30-60 cm 30-60 cm	50.00	Polysleeves
7.	<i>Phyllostachys pubescens</i> (Moso bamboo)	Seeds	Readily available	20-25 cm	100.00	Polysleeves
8.	<i>Phyllostachys nigra</i> (Black bamboo)	Cuttings	Readily available	50-80 cm	150.00	Polysleeves
9.	<i>Bambusa multiplex</i> (Ornamental bamboo)	Cuttings	Readily available	50-80 cm	100.00	Polysleeves
10.	<i>Sasa auricoma</i> (Dwarf ornamental bamboo with variegated leaves has foliage beauty)	Cuttings	Readily available	20-30 cm	50.00	Polysleeves
11.	<i>Phyllostachys aurea</i> (Ornamental bamboo)	Cuttings	Readily available	20-30 cm	100.00	Polysleeves
12.	<i>Bambusa ventricosa</i>	Cuttings	As per Demand	20-30 cm	100.00	Polysleeves
13.	<i>Bambusa nana</i>	Cuttings	Readily available	20-30 cm	50.00	Polysleeves

14.	<i>D. asper</i>	Tissue culture	Readily available	20-30 cm	50.00	Polysleeves
15.	<i>Arundinaria falconeri</i>	Cuttings/ seeds	As per demand	20-30 cm	100.00	Polysleeves
Medicinal and aromatic plants						
16.	<i>Picrorhiza kurroa (Kutki)</i>	Originally tissue cultured	As per demand (September to April)	15-20 cm	20.00	Polysleeves
17.	<i>Podophyllum hexandrum (Ban kakdi)</i>	Seeds and rhizomes	June-September as per demand	20-25 cm	50.00	Polysleeves
18.	<i>Aconitum heterophyllum (Atees)</i>	Seeds and rhizomes	June-September as per demand	20-25 cm	25.00	Polysleeves
19.	<i>Coleus forskohlii</i>	Cuttings	As per demand	20-25 cm	20.00	Polysleeves
20.	<i>Viola odorata</i>	Seeds	As per demand	20-25 cm	100.00	Pots
21.	<i>Withania somnifera</i>	Seeds	As per demand	20-25 cm	100.00	Pots
22.	<i>Aloe vera</i>	Seeds	As per demand	50-80 cm	100.00	Pots
23.	<i>Asparagus</i>	Seeds	As per demand	50-80 cm	100.00	Pots

PRICE LIST OF TISSUE CULTURE RAISED PLANTS

S. no.	Plants	Rate Per Flask(Rs.)
1.	Lavender	502.00
2.	Potato	542.00
3.	Large cardamom	355.00
4.	<i>Picrorhiza kurroa</i>	435.00
5.	<i>Dendrocalamus asper</i>	570.00
6.	<i>Dendrocalamus hamiltonii</i>	591.00
7.	<i>Bambusa Balcoa</i>	558.00

❖ Potato & Apple plant virus testing @ Rs. 650/- per sample by RTPCR.

Note:

- 100% of the total cost will have to be paid at the time of delivery.

Dr. Vipin Hallan
Head
Division of Biotechnology

PLANTING MATERIAL OF MEDICINAL AND AROMATIC PLANTS ON SALE

(Financial year 2019-20)

AMACIP DIVISION (Chandpur Farm)

S.No.	Plant Species	Common name	Form of plant	Unit	Rates for different slab (Rs./Unit)			Mode of Supply
					<100	100-999	≥1000	
1	<i>Bacopa monnieri</i>	Brahmi	Stem with root	No.	7	6	5	Without packing
2	<i>Chenopodium quinoa</i>	Quinoa	Seed	gm	3.5	3.0	2.5	-
3	<i>Cymbopogon spp.</i>	Lemongrass	Slips	No.	4	3	2.5	
4	<i>Eucalyptus citriodora</i>	Safeda (Aromatic)	Rooted Plants	No.	15	13	10	
5	<i>Hypericum perforatum</i>	Basant	Rooted Plants	No.	10	9	8	Naked roots
			Seed	gm	8	6	5	
6	<i>Lavandula hybrida</i>	Lavandin	Stem Cutting	No.	8	7	6	Without packing
			Rooted Plants	No.	15	13	10	Naked root
7	<i>Lavandula officinalis</i>	Lavender	Stem Cutting	No.	8	7	6	Without packing
			Rooted plants	No.	15	13	10	Naked root
8	<i>Matricaria chammomilla</i>	German Chamomile	Seed	gm	7	6	5	-
9	<i>Melissa officinalis</i>	Lemon balm	Rooted plants	No.	10	8	7	Naked roots
10	<i>Ocimum spp.</i>	Tulsi spp.	Rooted plant	No.	10	8	7	Naked roots
11	<i>Origanum vulgare</i>	Origano	Seedlings	No.	10	9	8	Bunch Pack
12	<i>Origanum majorana</i>	Marjorum	Seedlings	No.	10	8	7	Bunch Pack
13	<i>Pelargonium graveolens</i>	Rose geranium	Stem Cutting	No.	9	8	6	Without packing
			Rooted plants	No.	15	13	10	Without packing
14	<i>Rosa bourboniana</i>	Cheenia rose	Stem Cutting	No.	6	5	4	Without packing
			Rooted Cutting	No.	15	13	12	Naked root
15	<i>Rosa damascena</i>	Damask Rose	Stem Cutting	No.	6	5	4	Without packing

		Var. Jwala/Himroz	Rooted plants	No.	20	18	17	Nakedroots
16	<i>Rosemarinus officinalis</i>	Rosemary	Stem Cutting	No.	9	8	7	Naked roots
			Rooted plants	No.	15	13	10	Bunchpack
17	<i>Salvia spp.</i>	Sage	Rooted plants	No.	10	9	7	
18	<i>Salvia hispanica</i>	Chia	Seed	gm	4	3	2.5	
19	<i>Stevia rebaudiana</i>	Stevia	Seedling	No.	8	7	6	Bunchpack
			Seed/gm	No.	20	18	15	-
20	<i>Tagetes minuta</i>	Wild marigold	Seed	gm	5.5	3.5	2.5	Polypack
21	<i>Thyumus sp.</i>	Thyme	Naked rooted	no.	10	9	8	Bunch Pack
22	<i>Withania somnifera</i>	Ashwagandha	Seedlings	No.	15	12	10	Bunch Pack
23	<i>Viola odorata</i>	Banfsa	Seedlings	No.	15	12	10	Bunch Pack
24	Miscellaneous plants		Seedlings	No.	15	12	10	Bunch Pack
25	Fresh flowers of Rose spp.			kg	200*			
26	Dry flowers of Rose spp.			kg	1000*			
27	Fresh leaves of rosemary			kg	200*			
28	Dry leaves of rosemary			kg	800*			

* Depending upon the availability and season.

Terms and conditions

1. Planting stock will be delivered at Chandpur farm of our institute in person (ex stock supply only).
2. Rs. 3.00 per plant will be charged extra for supplying rooted cuttings in poly bags where it is not mentioned in the above list.
3. Packing material is to be provided by the purchaser
4. As handling and planting of the materials are beyond our control, no responsibility lies on us for the compensation of any kind of claim or replacement of the supplied materials.
5. Wherever the plant material is supplied through Hikko trays, IHBT approved rate contract rate will be charged accordingly.
6. For bulk orders, 50% of the total cost needs to be paid for booking at least 3-4 months in advance.
7. To ensure the availability of the bulk quantity of planting material, kindly contact director@ihbt.res.in at least 12 months in advance.

Biodiversity Farm (AMACIP Division) Price List 2019-20

Sr. No	Plant Species	Common Name	Form of Plant Material	Unit	Rate of Different Slab (Rs/Unit)			Mode of Supply
					1-99	100-999	>=1000	
1.	<i>Aloe vera</i>	Aloe, Ghrit kawarain	Plant	No.	20.00	18.00	15.00	Without packing naked
2.	<i>Asparagus racemosus</i>	Satavari	Seedling	No.	15.00	10.00	8.00	In poly-sleeves/naked
3.	<i>Chlorophytum borivillianum</i>	Safed musali	Plant	No.	15.00	10.00	8.00	In poly-sleeves/naked
4.	<i>Crataegus oxycantha</i>	Hawthorn	Seed	Kg.	200.00	180.00	160.00	In jute/polyhtene bags
5.	<i>Costus spaciosus</i>	Costus	Rhizome	Kg.	150.00	125.00	100.00	Without packing
6.	<i>Curcuma aromatica</i>	Ban Haldi	Rhizome	Kg.	150.00	125.00	100.00	Without packing
7.	<i>Gingko biloba</i>	Ginkgo	Plant	No.	200.00	200.00	200.00	In poly-sleeves
			Leaf	Kg.	400.00	400.00	400.00	In poly-sleeves
8.	<i>Hedychium spicatum</i>	Kapoor Kachari	Rhizome	Kg.	150.00	125.00	100.00	Without packing
9.	<i>Platanus orientalis</i>	Chinar	Plant	No.	50.00	50.00	50.00	In poly-sleeves
10.	<i>Taxus baccata</i>	Taxus	Plant	No.	50.00	50.00	50.00	In poly-sleeves
11.	<i>Valeriana jatamansi</i>	Valerian, Himbala, Muskbala	Plant	No.	10.00	10.00	8.00	In poly-sleeves
			Seed	gm.	100.00	100.00	100.00	In packet
12.	<i>Vitex negundo</i>	Bana	Cutting	No.	5.00	4.00	3.00	Bunch pack
13.	<i>Viola odorata</i>	Banfsa	Plant	No.	12.00	10.00	8.00	In sleeves/naked

Price list for sale from Floriculture farm for the year 2019-20

Sr. No.	Item	Rates for Plant/ Bulb/ Cuttings/ Seeds (Rs.)
1	Agapanthus Plant	20
2	(A) Asiatic Hybrid Liliium bulb	
	i) Large (5 cm dia or more)	20
	ii) Medium (3-4.9 cm)	10
	iii) Asiatic liliium in polybag	40
	iv) Pack of 10 bulbs (Mix colour)	250/ pkt
3	(B) Oriental/OT/LA	
	i) Large (5 cm dia or more)	30
	ii) Medium (3-4.9 cm)	20
	iii) In polybag	60
	iv) Pack of 10 bulbs (Mix colour)	350/ pkt
4	Bird of Paradise	
	i) One year old plant	40
	ii) Two year old plant	60
	iii) Three year old plant	100
5	Carnation rooted cuttings	5
6	Chrysanthemum rooted cuttings	5
7	Gladiolus corms	

Sr. No.	Item	Rates for Flower (Rs.)
1	Asiatic Liliium flower	20 (Each flower)
2	Oriental/OT/LA Liliium flower	30 (Each flower)
3	Bird of Paradise	15 (Each flower)
4	Carnation	
	< 50 Nos.	10 (Each flower)
	> 50 Nos.	5 (Each flower)
5	Chrysanthemum flower	
	< 50 Nos.	10 (Each flower)
	> 50 Nos.	5 (Each flower)
6	Dutch Iris	10 (Each flower)
7	Gladiolus	
	< 50 Nos.	10 (Each flower)
	> 50 Nos.	5 (Each flower)
8	Hippeastrum	10 (Each flower)
9	Rose	
	< 50 Nos.	10 (Each flower)
	> 50 Nos.	5 (Each flower)
10	Tiger Lily	5 (Each flower)

	i) 10/12/ size or more	4
	ii) 8/10 size	3
	iii) Cormels	250.00/ Kg
	iv) Pack of 10 bulbs (Mix colour)	60/ pkt
8	Tiger Lily bulb	
	i) Large (>12 cm dia)	6
	ii) Medium (10-12 cm dia)	5
	iii) In polybags	20
	iv) Pack of 10 bulbs	60/ pkt
9	Alstroemeria Plants	50
10	Tuberose bulb	
	i) Large	5
	ii) Medium	3
	iii) In polybag	60
	iv) Pack of 10 bulbs	70/ pkt
11	Rose	
	i) Budded plant	40
	ii) Rooted cutting	30
	iii) Root stock (plant)	10
12	Gerbera	
	i) In polybag (Non-flowering)	30
	ii) In polybag (Flowering)	50
13	Marigold	
	i) Marigold seed	5000 per Kg
	ii) Marigold seedlings	1/ seedling

11	Tuberose	
	< 50 Nos.	10 (Each flower)
	> 50 Nos.	5 (Each flower)
12	Alstroemeria	
	< 50 Nos.	10 (Each flower)
	> 50 Nos.	5 (Each flower)
13	Gerbera	
	< 50 Nos.	10 (Each flower)
	50-100 Nos.	5 (Each flower)
	> 100 Nos.	3 (Each flower)
14	Marigold flower	100/ Kg
15	Agapanthus	
	< 50 Nos.	10 (Each flower)
	> 50 Nos.	5 (Each flower)
16	Calla lily (Him Shweta)	10 (Each flower)
17	Calla lily (Him Sumukh)	40 (Each flower)
18	Tulip	30 (Each flower)
19	Orchid (Cymbidium)	100 (Each flower)
20	Iris	20 (Each flower)
21	Daffodil	20 (Each flower)
22	Hyacinth	20 (Each flower)
23	Muscari	20 (Each flower)
24	Allium	20 (Each flower)
25	Ornithogalum	20 (Each flower)
26	Ranunculus	10 (Each flower)

	i) In polybag (Non-flowering)	10
	ii) In polybag (Flowering)	20
14	Hydrangea plant	30
15	Amaryllis	
	i) Bulbs	20
	ii) Non-flowering	40
	iii) Flowering	50
16	Caladium	50
17	Haemanthus (Football lily)	50
18	Eucarish lily	20
19	Corkuma	20
20	Kaempheria	20
21	Gloriosa	30
22	Day lily	20
23	Calla lily (Him Shweta)	
	i) Non-flowering	30/ plant
	ii) Flowering	50/ plant
24	Calla lily (Him Sumukh)	
	i) Bulbs	50/ bulb
	ii) In polybag (Non-flowering)	80
	iii) In polybag (Flowering)	100
25	Nerine lily	
	i) Bulbs	20
	ii) In polybag (Non-flowering)	30
	iii) In polybag (Flowering)	40
26	Hedychium	20
27	Spider lily	30
28	Crinum	50

27	Ixia	30 (Each flower)
28	Sparaxis	20 (Each flower)
29	Freesia	20 (Each flower)
30	Flower bouquet	
	i. Large	200 (Each)
	ii. Medium	150 (Each)

29	Zephyranthus	10
30	Seasonal Flower	
	i) Seedling	5
	ii) Non-flowering in polybag	20
	iii) Flowering in polybag	40
31	Duranta cuttings	5 per cutting
32	Azalea	30
33	Bougainvillea	30
34	Hibiscus	30
35	Annual seeds	30/ pkt
36	Tulip (Pack of 5 bulbs)	200/ pkt
37	Iris bulbs (Pack of 5 bulbs)	200/ pkt
38	Potting Soil mixture for Gardening	400/ 5 Kg bag
39	Seed germination media	250/ 2Kg

Indoor Air Pollution Abating Plants		
S. No.	Name	Rate/ Plant (Rs.)
1	Bamboo Palm	100
2	Diffenbachia	100
3	Money plant	40
4	Areca Palm	100
5	English ivy	50
6	Peace lily	100
7	Dracaena	100
8	Philodendron	100

Outdoor Air Pollution Abating Plants		
S. No.	Name	Rate/ Plant (Rs.)
1	Peepal	30
2	Bargad	30
3	Jamun	30
4	Neem	30
5	Arjun	30
6	Bahera	30
7	Siris	40
8	Musk Kapoor	30

9	Rubber Plant	100
10	Raphis Palm	100
11	Ficus benjamina	75
12	Monstera	100
13	Snake Plant dwarf	200
14	Snake Plant long	50
15	Spider Plant	30
16	Potted gerbera	30
17	Aloe vera	30
18	Chandani	30

9	Karanj	30
10	Bael	30
11	Kachnar	30
12	Amaltas	30
13	Amla	30
14	Harshringar	30
15	Basuti	40

Nanobiology Lab, Biotechnology Division

(1) TEM Analysis rates (per sample) (in Rs.)

S. No.	Total Project Cost	6988.00
A	Direct expenses (40% of the Project Cost)	
I	Cost of manpower	500.00
II	Cost of consumables with 25 % overhead charges	1000.00
III	Cost of physical inputs/services/utilities with 25% overheads	925.00
IV	Equipment usage cost	370.00
V	Any out of the pocket expenditures	---
	Total Direct Expenses (Manpower, equipment usage charges+ Total Consumable Charges)	2795.00
B	Laboratory Share (35% of the Project Cost)	2445.00
C	Project Fee (25% of the Project Cost)	1747.00
	Project Cost (A+B+C)	6988.00
D	GST (@18%)	GST will be applicable as per Govt. rule
	Total Cost (A+B+C+D)	---
	(Say 6988.00/- Rs. Six thousand nine hundred eighty eight only)	

**** GST will be applicable as per Govt. rule**

(2) SEM analysis rates (per sample) (in Rs.)

S. No.	Total Project Cost	4250.00
A	Direct expenses (40% of the Project Cost)	
I	Cost of manpower	300.00
II	Cost of consumables with 25 % overhead charges	625.00
III	Cost of physical inputs/services/utilities with 25% overheads	625.00
IV	Equipment usage cost	150.00
V	Any out of the pocket expenditures	---
	Total Direct Expenses (Manpower, equipment usage charges+ Total Consumable Charges)	1700.00
B	Laboratory Share (35% of the Project Cost)	1488.00
C	Project Fee (25% of the Project Cost)	1063.00
	Project Cost (A+B+C)	4250.00
D	GST (@18%)	GST will be applicable as per Govt. rule
	Total Cost (A+B+C+D)	---
	(Say 4250.00/- Rs. Four thousand two hundred fifty only)	

**** GST will be applicable as per Govt. rule**

(3) Particle size analyzer rates (per sample) (in Rs.)

S. No.	Total Project Cost	1338.00
A	Direct expenses (40% of the Project Cost)	
I	Cost of manpower	150.00
II	Cost of consumables with 25 % overhead charges	200.00
III	Cost of physical inputs/services/utilities with 25% overheads	140.00
IV	Equipment usage cost	45.00
V	Any out of the pocket expenditures	---
	Total Direct Expenses (Manpower, equipment usage charges+ Total Consumable Charges)	535.00
B	Laboratory Share (35% of the Project Cost)	468.00
C	Project Fee (25% of the Project Cost)	335.00
	Project Cost (A+B+C)	1338.00
D	GST (@18%)	GST will be applicable as per Govt. rule
	Total Cost (A+B+C+D)	---
	(Say 1338.00/- Rs. One thousand three hundred thirty eight only)	

**** GST will be applicable as per Govt. rule**

(4) Fluorescence spectrophotometer rates (per sample) (in Rs.)

S. No.	Total Project Cost	890.00
A	Direct expenses (40% of the Project Cost)	
I	Cost of manpower	150.00
II	Cost of consumables with 25 % overhead charges	75.00
III	Cost of physical inputs/services/utilities with 25% overheads	90.00
IV	Equipment usage cost	41.00
V	Any out of the pocket expenditures	---
	Total Direct Expenses (Manpower, equipment usage charges+ Total Consumable Charges)	356.00
B	Laboratory Share (35% of the Project Cost)	312.00
C	Project Fee (25% of the Project Cost)	223.00
	Project Cost (A+B+C)	890.00
D	GST (@18%)	GST will be applicable as per Govt. rule
	Total Cost (A+B+C+D)	---
	(Say 890.00/- Rs. Eight hundred ninety only)	

**** GST will be applicable as per Govt. rule**

Rate Analysis For Soil Analysis 2019-20

Estimated Expenses (in Rs) for processing of soil parameters(Soil pH, EC, O.M.%, Available N.P.K.) per Sample.

S. No.	Total Project Cost	15875.00
A	Direct expenses (40% of the Project Cost)	
I	Labour charges	6000.00
II	Consumables (Cost of chemicals and electricity with overhead charges)	350.00
	Total Direct Expenses (Labour charges+ Total Consumable Charges)	6350.00
B	Laboratory Share (35% of the Project Cost)	5556.25
C	Project Fee (25% of the Project Cost)	3968.75

GST (@ Nil

Approximate cost Rs. 15875.00/- per 06 soil Samples

Hence, per Soil Sample Analysis cost Rs. 2645.83/- say Rs. 2646.00/-