

STANDARD LIST

Floriculturist (Protected Cultivation)

SECTOR: AGRICULTURE

SUB-SECTOR: HORTICULTURE

REFERENCE ID: AGR/Q 0702



State Council of Educational Research and Training(SCERT)
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This list of equipment, tool, furniture&consumablesare prepared for a batch of 30 students

PartA - EQUIPMENTS			
Sl. No	Equipments/Structures/Implements	Specification	Quantity
1	Protected structure (Poly house, Shade net house, Insect proof net house, Rain shelter etc.) with drip irrigation, misting/fogging, ventilator	12m ² -60m ² area	1
2	Measuring Tape	30 m(roll type)	6
3	Crow bar	18"	4
4	Pick axe with handle	3kg	5
5	Kundali with handle	2.5kg	5
6	Khurpi	Standard type	10
7	Wheel hoe	Standard type	5
8	Trenching hoe	GI Handle, standard type	20
9	Transplanting trowel	Standard type	10
10	Dibbler	Standard type	10
11	Planting board	Wooden 20 pits	2
12	Secateurs	Anvil type	5
13	Garden hatchet	Metal, Standard type	2
14	Super cut	Standard type	5
15	Flower Thinning Scissors	Standard type	5
16	Rose can/ water can	5L Plastic	10
17	Micro sprinkler	Unit of 4 Nos.	4 unit
18	Pruning knife	Standard type	3
19	Hand cultivator	Standard type	10
20	Hand weeder	Standard type	10
21	Weeding fork	Standard type	10
22	Garden hoe	Standard type	5
23	Shovel	Plastic handle, square type	5
24	Digging fork	Standard type	5
25	Garden rake	12 teeth long with handle	5
26	Spade with handle	2.5 kgs	5
27	Small trowel	Standard type	5
28	Knap sack sprayer	5 Litre Brass/Plastic	1
29	Hand sprayer	1 Litre	5
30	Rubber kutta	Tyre	2
31	Seed pan	Metal/plastic	2
32	Temperature & humidity control system for poly house	Standard type	1

33	Shade system for poly house	Standard type	1
34	Lux meter/ Light meter for poly house	Upto 2,00,000 lux	1
35	Digital electronic temperature indicator	2 digit	1
36	Hygrometer	Standard type	1
37	Drip Kit	60no drippers	4
38	Fan and pad system for poly House	As per specification of poly house	1
39	Wheel barrow	Single /Double wheel	2
40	Insect box	40cm-1m Length, 30cm-50cm Breadth 7.5cm height	2
41	Insect Collection Net	Standard type	2
42	Flower Vases	Different types	10
43	Mug Plastic/ Aluminium	1-2 Litre	10
44	Bucket Plastic/Aluminium	10L	10
45	pH meter	Hand held digital Pen type	1
46	Conductivity meter/EC meter	Hand held digital	1
47	Water pump	1/2 hp - 30 m pipe, Foot valve, Hose coiler, GI Bend,GI Socket	1
48	Weighing Machine	Electronic Digital,Up to 10Kg capacity	1
49			

Part B - CONSUMEBLES,CHEMICALS AND FERTILIZERS			
SL NO	NAME	SPECIFICATION	QUANTITY (per batch)
1	Coir pith Compost		50Kg
2	Dried cow dung		50 Kg
3	Vermi compost		50Kg
4	Neem Oil cake		50Kg
5	Urea		50Kg
6	DAP		50Kg
7	Potassium sulphate		25Kg
8	Muriate of potash		50Kg
9	Ammonium nitrate		25Kg
10	Urea ammonium nitrate		25Kg
11	Potassium nitrate		25Kg
12	Fertilizer mixtures		50kg
13	Systemic Fungicides	SAAF UPL Contact and Systemic ZOOM/Bavistin	1Kg
14	Contact fungicide	Indofil M 45	

15	Non-systemic fungicides	UTHANE UPL	As per requirement
16	Biopesticides	INGIFT, ACHOOK AZADIRACTIN 300 ppm	As per requirement
17	Coco Peat		5 Kg
18	Vermiculite		5 Kg
19	Perlite		5 Kg
20	Rock wool		2 Kg
21	Formalin		500ml
22	Sulphur		500gm
23	Growth regulator/ hormone/PGPR	GAIN EXA LIQUID KERADIX UPL COPIO GRANULE	As per requirement
24	Biofertiliser	VAM, Azotobacter, Rhizobium, Azospirillum	As per requirement
25	Biocontrol agents	Trichoderma, Pseudomonas	As per requirement
26	Protray	98 pits	10
27	Seeds & Planting material		As per requirement
28	Liming materials		50Kg
29	Pesticides	Spinosad Badge UPL	7ml
30	Pesticides	EmamectinBenzomate	100ml
31	Pesticides	Flonicamide ULALA G	100g
32	Pesticides	Confidor	100ml
33	Pesticides	Ekalux	100ml
34	Fungicide	SAF	100g
35	Fungicide	Folicure	100ml
36	Fungicide	Tilt (Propiconazole)	100ml
37	Fungicide	Mancozeb	100g
38	Biocide	Rocide	As per requirement
39	Registers	100 pages	5
40	Soil testing kit		2nos
41	Protection sleeves	70 cm x 30 cm	30
42	Corrugated boxes	General cardboard box	5
43	Grow bags	600 gauge thickness	5kgs
44	Poly bags for raising seedlings	150 micron	5 kg
45	Gloves		2
46	UV Stabilised polythene sheets for soil solarisation, mulching etc	10 m X 5 m	2 nos
47	Shade net	50% shade	15 m
48	Rope(plastic)	6mm Yellow 50 m roll	2
49	Hose	Bundle 1''	2
50	Hanging pots	Earthen/Plastic	10

51	Tubular Pots	Standard type	10
52	Earthen/plastic pots	8"	50
53	Drip Trays Plastic	8"	50
54	Earthen/plastic pots	10"	50
55	Drip Trays Plastic	10"	50
56	Orchid pots	Plastic	10
57	Coir Pot	Hanging type 6"	20

Part C - FURNITURE			
1	Almirah	4-6 feet height, 3- 4 feet width, Stainless steel (18 gauge) double door	5 No.
2	Metal rack	6-8 feet height, 3-4 feet width, stainless steel	5 No.

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