

STANDARD LIST

FLORICULTURIST (OPEN CULTIVATION)

SECTOR: AGRICULTURE AND ALLIED

SUB-SECTOR: Agriculture Crop Production

REFERENCE ID: AGR/Q0701



State Council of Educational Research and Training(SCERT)
Vidyabhavan, Poojappura, Thiruvananthapuram - 695 012
www.scert.kerala.gov.in

This list of equipment, tool, furniture&consumablesare prepared for a batch of 30 students

Part A - TOOLS and ACCESSORIES			
SL NO	NAME	SPECIFICATION	QUANTITY
1.	Measuring Tape	30 m	6
2.	Crow bar	18"	4
3.	Rope	6mm Yellow 50 m roll	4
4.	Pick axe	3kg	5
5.	Kundali	2.5kg	5
6.	Khurpi		10
7.	Trenching hoe (Spade)	GI Handle	30
8.	Transplanting trowel		10
9.	Planting board		5
10.	Budding and grafting knife	Folding type	30
11.	Secateurs	Anvil type	30
12.	Garden hatchet		2
13.	Sickle		5
14.	Lopping shear	Bent blade only with 1.2-inch diameter	2
15.	Flower Scissors/ Rose cutter		5
16.	Rose can	5L	20
17.	Rose can nozzle	of 5L Rose can	20
18.	Micro sprinkler	2m wide	4 unit
19.	Pruning knife	7.5 cm	10
20.	Hand cultivator	3prong with plastic handle	20
21.	Hand weeder	Bend proof type	20
22.	Weeding fork	With fixed plastic handle	10
23.	Garden hoe	Made of steel, 12" of handle, with rubber grip	10
24.	Shovel	Light weight with rubber grip	5

25.	Garden rake	Head Width: 3 - 5 inch Handle Length: 13- 15 inch	5
26.	Grass shear	360 swivel blades	3
27.	Hedge shear	9 - 11 inches	5
28.	Telescopic Tree pruner	2- 3 Meters	1
29.	Pruning shear		2
30.	Bonsai tool kit for beginners		1
31.	Bill hook		10
32.	Knap sack sprayer	Continuous,16 Litre, Plastic tank, back pack	1
33.	Knap sack sprayer	5 Litre, Plastic tank, back pack	2
34.	Hand sprayer	5Litre	2
35.	Hand sprayer	2 Litre	5
36.	Measuring cup and spoon set	Plastic	2
37.	Measuring cup	100ml / 250ml / 500ml /1L	1
38.	Rubber kutta	Tyre	10
39.	Manure pan	Iron, 5kg round	5
40.	Hose	30m	2
41.	Garden hose nozzle	7 x 2.5 x 5 inches	2
42.	Hanging pots	Plastic	30
43.	Tubular Pots	Ceramic	10
44.	Seed pan	Earthen	2
45.	8' earthen pots	8'	30
46.	8' plastic pots	8'	30
47.	10' earthen pots	10'	30
48.	10' plastic pots	10'	30
49.	16' cement pots	16'	6
50.	Orchid pots	Plastic	10
51.	Shallow trays for Bonsai	Plastic	5

52.	Shallow trays for Bonsai	Earthen	5
53.	Ornamental containers for indoors	Ceramic/Earthen/Plastic (Small, medium and Large)	30
54.	Self-watering pots	8'	10
55.	Drip Trays	8'	25
56.	Drip Trays	10'	25
57.	Coir Pot	Hanging type 6'	20
58.	Water garden Cement Pots	1m diameter, 50cm – 60 cm depth	1
59.	Drip Kit	For 30 - 60plants	4
60.	Tags	2.5 x 6 Inch	200
61.	Wheel barrow	Double Wheel	2
62.	Display board	Length 1-1.5m, Width 0.5 – 1m	2
63.	Laminated printed charts	A3 size	10
64.	Laminated colour photos of flower, pests, disease and weeds	A3 size	20
65.	Vases – different types		10
66.	Flower basket/Flower arrangement container	Cane/plastic	10
67.	Mug	Plastic	5
68.	Mug	Aluminium	5
69.	Bucket	10L	10
70.	Planter box	Plastic type	15
71.	Water pump	½ hp – 30 m pipe, Foot valve, Hose coiler, GI Bend, GI Socket	1
72.	Herbarium press/ Screw press	Wooden, 18 x 12 inch	2
73.	Metal stakes	15.9-inch length 2.24" in loop inner diameter, 0.53" in slot width	10
74.	Metal trellis	Height 54 cm and Width 19 cm	10
75.	Plant stand	Rust proof metal Large size 3 step stand	1
76.	Vertical garden set	Stand with 12-36 pots	1
77.	Electronic Weighing machine	2kg	1
78.	Kitchen Household Weighing Scale	5kg	1

Part B - CONSUMEBLES

SL NO	NAME	SPECIFICATION	QUANTITY (per batch)
1.	Oasis		30
2.	Glass bottle	250 ml	30
3.	Seeds and planting materials of ornamental plants	Bulbs, corms, tubers, seeds, hybrid seedlings, suckers- as per requirement	As per requirement
4.	Air tight glass bottles for flower drying	250ml	30
5.	Pet bottles	Small size – 200ml	30
6.	Floral wire	Green plastic type	10m
7.	Flower pins		100
8.	Floral preservatives		Sachets
9.	Aluminium thiosulphate		Sachets
10.	Silver nitrate		Sachets
11.	8 - HQC		Sachets
12.	Ribbons (Different colours)		3 rolls
13.	Netted cloth		2 rolls
14.	Borax		3Kg
15.	Silica gel		3 Kg
16.	Coir pith Compost	As per requirement	50Kg
17.	Dried cow dung	As per requirement	100 Kg
18.	Vermicompost	As per requirement	50Kg
19.	Neem Oil cake	As per requirement	50Kg
20.	Urea	As per requirement	50Kg
21.	Rajphos	As per requirement	50Kg
22.	Potassium sulphate	As per requirement	25Kg
23.	Murate of potash	As per requirement	50Kg
24.	Lime/Dolomite	As per requirement	25kg
25.	18:18:18	As per requirement	10kg

26.	19:19:19	Water soluble fertilisers As per requirement	5kg
27.	Groundnut cake	As per requirement	10kg
28.	Mancozeb + Carbendazim (Combination)		1Kg
29.	Carbendazim		500g
30.	Mancozeb		500g
31.	AZADIRACTIN		
32.	Pseudomonas		2kg
33.	Trichoderma		2kg
34.	Beuveria		1kg
35.	Copper sulphate		1kg
36.	Copper oxy chloride		500g
37.	Hexaconazole	100 ml	2 bottles
38.	Perlite		25kg
39.	Vermiculite		25kg
40.	Peat		4 Kg
41.	Formalin		500ml
42.	Sulphur		500gm
43.	Flower boosters		2
44.	Rootex		3 bottles
45.	Biofertiliser	VAM, Azotobacter, Rhizobium, Azospirillum	1kg each
46.	Protray	98 pits	30
47.	Seeds & Planting material	As per requirement	
48.	Spinosad		7ml
49.	EmamectinBenzomate		100ml
50.	Flonicamide		100g
51.	Thiomethoxam	5g	10no.s
52.	Imidachlorpid	50 ml	2 bottles

53.	Flubendamide	25g	2 bottles
54.	Chlorantraniliprole	10ml	2 bottles
55.	Registers		5
56.	Soil testing kit		2
57.	pH paper with colour chart		2 boxes
58.	Protection sleeves		20
59.	Corrugated boxes		5
60.	Poly bags		5
61.	Polythene sheet for soil solarisation	100 – 800 m Transparent, UV protected LDPE	1kg
62.	Plastic mulch	400 – 800m length, 0.75 – 1.2 m width, 25 - 50- micron thickness, Moisture proof LDPE	2
63.	Gloves		60
64.	First aid kit	Box	2
65.	Chemical Pesticide Spraying safety equipment kit	Gloves, Googles mask	1

Part C – FURNITURE			
<u>1</u>	Steel Almirah	Double door without mirror 78"x36"x18" or less	2
<u>2</u>	Steel rack	{5 - SECTION } 5.3"[H] X 2.8"[L] X 1.4"[D] or less	2

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