



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

STANDARD LIST

JOB TITLE : VEGETABLE GROWER
SECTOR : AGRICULTURE
REFERENCE ID : AGR/Q0404

STANDARD LIST
LIST OF IMPORTANT TOOLS AND EQUIPMENTS REQUIRED FOR A BATCH OF 30
STUDENTS

PART A- TOOLS AND EQUIPMENTS

Sl No.	Equipment	Specification	Quantity
1.	Spade	GI handle	15
2.	Pickaxe	3 Kg	5
3.	Kundali (Big)	2.5 Kg	10
4.	Showel	Square head ,GI handle	5
5.	Wheel barrow	3 wheel/4 wheel	3
6.	Billhook		5
7.	Sickle		5
8.	Garden rake		5
9.	Secateur		10
10.	Hand rake		15
11.	Transplanting trowel		15
12.	Hand weeder		15
13.	Knapsac sprayer	5 litre (Plastic)	1
14.	Hand sprayer	2 litre	5
15.	Manure pan/Rubber kutta		10
16.	Weighing machine	Digital (5 Kg) precision 0.01 g to 5 kg	1
17.	Stainless steel knife	20 cm	10
18.	Rose can	5 litre (plastic)	10
19.	Insect Box	Wooden, EVA sheet pasted for pinning insects.(45x30x9)	10
20.	Insect collection net	Nylon insect net with 14 inch ring	15
21.	Vermi compost Tank	Heavy duty plastic crate (75x50x40 cm)	2
22.	Soil auger		1
23.	Brush cutter	2 stroke petrol engine, machine weight 7.5 Kg	1

24.	Rain shelter unit	5 m x2.5 m x 2.5 m.	1 no.
25.	GI pipe	For pandal/stake (2.5 m length)	10 no.
26.	GI wire	For pandal (8 G ,3.5 mm size)	100 m
27.	Measuring Jar	1litre,2 litre, 5 litre	2 each
28.	Bucket	5,10 L	5 no.each
29.	pH Meter		1 no.
30.	Budding and grafting knife		10 no.
31.	Grafting clip		100 no.
32.	Measuring tape		1 no.
33.	Watering hose	0.75 inch, 10 metre	2 bundles
34.	Hedge shear		2 no.
35.	Pruning scissors		2 no.
36.	Stainless steel lab siever	30 cm diameter	5 no.
37.	Winnower(Plastic muram)		5 no.
38.	Anti bird net	25mm hole size ,8x10 ft	5 no.
39.	Drip irrigation kit		1 no.
40.	Wick irrigation kit		1 no.
41.	Sealing machine	12 inch size	1 no.
42.	Tarpauline sheet	10x 8 ft	1 no.
43.	Hose connector		10 no.
44.	Petridish		15 no.
45.	Plastic containers	Different size 25 ml,50 ml,100ml	50 no.
46.	Gumboot		30 no.
PART B- CONSUMABLES			
1	Seeds	Vegetable seeds	As required
2	Protray	104/98 cell	100 no.
3	Neem cake		100 Kg
4	Vermicompost		100 Kg
5	Cowdung		1000 Kg
6	Coir pith Compost		100 Kg
7	Cocopeat		100 blocks(50 Kg)
8	Bonemeal		100 Kg

9	Neem oil		5 Litre
10	Biofertilizers		As required
11	Pheromone traps		5
12	Yellow and blue sticky traps		25 each
13	Gloves		100 pairs
14	Grow bag	24cmx24cmx40 cm, 400 Gauge UV stabilised	100
15	Grow bag	20cmx20cmx35 cm, UV stabilised	100
16	Vermiculite		5 Kg
17	Perlite		5 Kg
18	Pesticides	New generation pesticides	As required
19	First aid kit		2 no.
20	pH paper with colour chart		2 box
21	Registers		5
22	Soil testing kit		2
23	Soil solarization sheet	150 Gauge	25 metre
24	Plastic rope		5 kg
25	Gunny twine		30 bundles
26	Kora cloth		10 m
27	Clay pot		50 no.
28	Plastic pot		50 no.
29	Budding tape		2 m
30	Biocontrol agents		As required
31	Lime		As required
32	Gypsum		As required
33	Fertilizers		As required
34	Biopesticides		As required
35	Polyethene covers	Different sizes	As required
36	Tissue paper		5 packets
37	Poultry manure		As required
38	Mulching material		1 roll
39	Petrol		As required
40	2 T 2 stroke engine oil		1 litre

PART C- FURNITURE

1.	Steel rack for storage implements	(5-section) 5.3 inches (H) x 2.8 inches(L) x 1.4 inches (D) or less	4
2.	Steel Almirah	Double door without mirror 78 inch x 36 inch x 18 inch or less	1

Approved by
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[Signature]

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