

STANDARD LIST

ORGANIC GROWER

SECTOR: AGRICULTURE AND ALLIED

SUB-SECTOR: Agriculture Crop Production

REFERENCE ID: AGR/Q1201



**State Council of Educational Research and Training(SCERT)
Vidyabhavan, Poojappura, Thiruvananthapuram - 695 012**

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

Sl.No	Equipment	Specification	Quantity
1	Dutch Hand Hoe	18 X 3 X 4.5 inch-1200 mm length	1
2	Garden Rake	6 teeth , Handle length 30 cm	10
3	Garden Knife	Carbon steel	10
4	Garden Rake	12 teeth long handle with grip	10
5	Garden/Digging Fork	Stainless steel; length 1.5 m ,	15
6	Garden/Digging Spade	GI Handle	20
7	Hand Screens/Sieves		10
8	Hori Hori Knife	Overall length 12 inches, Blade length 7 inches	5
9	Knapsack sprayer	16 L Aspee	1
10	Leaf Rake	25 teeth, Handle length 181 cm: Rake,width-50 cm	5
11	Long Handle Hoes	Steel Handle with grip :handle 90 cm	5
12	Pruning saw	Blade length 460mm,high carbon steel	2
13	Plastic containers	15 l	15
14	Plug Trays	98 pits	10
15	Rabbiting spade	Stainless steel	2
16	Secateurs	8 x 5 x 1 cm: Alloy steel total length 200 mm(Anvil Type)	5
17	Seed Treating Equipment	Manually operated 5 Kg	1
18	Shovel	Square head, Wooden handle	5
19	Trowel	17.78 x 10.16 x 6.62 cm ,wt 600 g	10
20	Mulch Sheet	20-30 microns	200 m
21	Manure Pan	5 Kg	10
22	Felling Knife	Carbon steel	5
23	Hand Sprayer	3 l	6
24	Spade (small)	GI Handle,2.5 Kg	10
25	Kundali(Big)	2.5 Kg	5
26	Kundali (small)	1.5 Kg	5
27	Pick axe	3 Kg	2
28	Buckets	15 L(Aluminium)	10
29	Pans-Rubber Kutta	Tyre	15
30	Smart Plastic Square Pot	25 X 22 x 18 cm ³	10
31	Smart Plastic Round Pot set	30 X 26 x 17 cm ³	10
32	10 inch Heavy duty Plastic Planter pots	25 X 19 X 18.5 cm ³	10
33	Rose can	5 L	10
34	Insect Box	Wooden, EVA sheet pasted for pinning insects, inner surface size 45X30X 9 cm	5
35	Insect Collection net	Nylon insect net with 14" ring, Teak wood handle,capacity45X30X9 cm	5
36	Mug	Plastic 1L	5
37	Mug	Aluminium 1L	5

38	Water Pump	1/2hp-30m pipe, Foot valve, Hose coiler, GI Bend, GI Socket	1
39	Drip Trays	10`	10
40	Vermicompost tank	Heavy duty plastic crate, 400X300X220 mm	10
41	Containers for making organic manures	20 l Barrel with lid,	5
42	Containers for making organic manures	10 l Barrel with lid	5
43	Hedge Shear	Rubber Handle	10
44	Arbana(2 Wheel)	Arbana (Double wheel) 24mm gauge	1
45	Measuring Tape	30 m	2
46	Measuring Jar	1 l, 2l, 5 l	2 each
47	Weighing machine- Electronic(Digital)	5 Kg	1
48	Digital Commercial store platform Weighing machine	Pan size 14 x 14 inches, 50 Kg	1
49	Hand Weeder	5 tounded, carbon steel with wooden handle	10
50	Brush cutter	2 stroke petrol engine , Machine wt 7.5 Kg	1
51	Pick axe	3 Kg	5
52	Portable Bio-Gas Unit	1 m ³	1 No
53	Soil solarization sheet	150 gauge	50 m
54	Mini rain shelter unit	5 m length, 2.5 m breadth, 8 ft height	1 unit
55	Seed drill	Iron & MS pipe material, manually operated, 200X95X800 mm, 2.5 kg	1 No
56	GI pipe	40mm size, 2.5 mtr Length A class	10 No
57	GI wire	8 gauge, 3.5 mm size	100 mtr

SI No	Name of the material	Specification	Quantity
1	Seeds	Bhindi, brinjal, tomato, chilli, snake gourd, amaranthus, pumpkin....etc	20/pkt
2	Neem Cake		50 Kg
3	Vermicompost		50 Kg
4	Cow dung		100 Kg
5	Groundnut cake		10 Kg
6	Compost		50 Kg
7	Coirpith Compost		50 Kg
8	Stera Meal		25 Kg
9	Bone Meal		25 Kg
10	Rajphos		50 Kg
11	Vermiwash		1 L
12	Neem oil		5 L

13	Nanma		100 ml
14	Menma		100 ml
15	Sreya		100 ml
16	Panchagavya		500 ml
17	Fish Aminoacid		500 ml
18	Azotobacter		1 kg
19	Azospirillum		2 Kg
20	Mycorrhiza(VAM)		1 Kg
21	Phosphobacteria		500 g
22	Frauteriaaurantia		500 g
23	Verticillium		2 Kg
24	Lecaniciliumlecani		500 g
25	Pseudomonas		2 Kg
26	Tricho card		10 units
27	PGPR Mix -2		2 Kg
28	Trichoderma		2 Kg
29	Ghee		2 Kg
30	Plastic Sheet (100-150 gauge)		5 Kg
31	Blue sticky Traps		2
32	Yellow sticky traps		2
33	Pheromone traps		5
34	Gloves		100 pairs
35	Chart paper	Good quality paper	100 no's
36	Organic Manure		50 Kg
37	Sanitisers		1 L
38	Seed cleaner		1
39	Drip kit	Area 5 cents	2
40	Micro-Sprinkler Irrigation unit	2 m wide	2
41	Rope	6 mm Yellow 50 m	2
42	Grow Bag	24 x 24 x 40 cms,400gauge U V stabilized	20
43	Grow Bag	20 x 20 x 35 cm3 UVstabilized	20
44	Grow Bag	16 x 16 x 30 cm3,UVstabilized	20
45	Hose	3/4 inch	2 roll
46	Vermiculite		5 Kg
47	Perlite		5 Kg
48	Copper sulphate		2 Kg
49	Lime		2 Kg
50	Rock Phosphate		2 Kg
51	Coirpith cake		2 kg
52	Honey	Ag marked	2 Kg

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