

Working with Life Forms

7.1. Tool List – Agriculture and Gardening

S. No.	Item	Specifications	Quantity
1	Air Thermometer and hygrometer	Thermometer and hygrometer with LCD Portable Digital	1
2	Budding grafting knife	"Two stainless steel blades and one brass budder Comfortable nylon grip (Falcone Brand is best)"	2
3	Drip irrigation unit	16mm Main Supply Pipe 15 metres, 4mm Feeder Line Pipe - 10 meters, 4LPH Drip Emitters - 20pcs, 4mm Pin Connector - 20pcs 5. Emitter Stakes - 20pcs 6. Dummies - 5pcs, Tee Connector - 5pcs, Straight Connector - 10pcs, Elbow Connector - 5pcs, Straight Connector with Tap - 5pcs, End cap - 10pcs, Water Tap Connector, 'S' Hole Puncher, Teflon Tape and Installation Manual	1
4	Pot (Gamla)	4-to-6-inch diameter plastic made	5
5	Hand Hoe (Digging tool)	15 x 10 mm with wooden handle	2
6	Hand Rake	29.5 x 132.5 x 8.5 cm size with wooden handle 4ft long (12 toothes)	2
7	Hand trowel (gardening)	11.5-inch X 2.5 inch with plastic handle	4
8	Home garden hand gloves	Gardening gloves pairs	20
9	Hydroponic tray	HDPE material with dimensions of 2 x 1 ft and height 4 inch having drainage holes on the bottom	1
10	Measuring tape	50-meter measuring tape	1
11	Plastic beaker (for measuring liquids)	250 ml	1

12	Plastic bucket	15 lit capacity buckets	1
13	Plastic pan (Gamla)	Diameter 14 inch	2
14	Scissor	Stainless steel, Size: 200mm	1
15	Secateur	Blade: Stainless Steel Cutting Size: 15mm with lock nut (Falcon Brand)	2
16	Shovel or spade	Medium-size blade (6-9mm) with maximum 3 ft long handle	2
17	Sickle	Blade length 18 inch with wooden handle and curved blade	4
18	Soil test kit	Small soil test kit with chemicals in tablets form or three-way soil testing meter	1
19	Spray pump	Capacity: 2 Litre. with pressure pump	2
20	Watering can 5 lit	Plastic watering can for plants	2
21	Weeding hook (Khurpi)	curved shape 5-inch size for removing weeds	2
22	Weighing scale	Kitchen grade, multipurpose weighing scale Capacity 2Kg x 10g	1

*** Quantity (for a class of 40 students)**

As per CBSE Guidelines*