

## Specifications - Agriculture

### List of the items supplied in each school:

| Sr. No | Item Title                         | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Item Quantity | Unit of Measure |
|--------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| 1      | Knapsack sprayer                   | Battery operated knapsack gardensprayer<br>Capacity : 16 ltr Battery 12V / 12 AH<br>Pump : autocut off : 100 PSI Pump discharge (mm): 610-896 Material:100% virgin HDPE, Delivery Hose Length : 4-5 Feet Nozels: 4 Types.<br>S.S Telescopic lance Three Stage Charger<br>LED Light with Buzzer<br>Pump discharge (mm): 610-896Material:100% virgin HDPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1             | Nos             |
| 2      | Impulse brass Sprinkler with stand | Product Type: brass sprinkler with 4-wheel stand<br>Stand Material : Steel<br>Adjustable stand<br>Rotation : 0-360 degree<br>Area of Coverage: 18-22 mtr<br>Dimensions (LxWxH):73x53x53 cm (Minimum)<br>weight:2kg approx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2             | Nos             |
| 3      | Power tiller                       | Economy Petrol Power Tiller 7HP, 4 Stroke, Belt Drive<br>Description: Petrol Power Tiller to be used only in agricultural land with 30% to 40% moisture and ideally after one plough using a tractor.<br>Features: Light weight & low vibration<br>Mature technology, durable in using<br>Easy turning (360 degree) steering design<br>Suitable for Horticulture & plantation crops<br>Useful for Inter-Cultivation & step cultivation<br>Specifications: Product Type: Inter Cultivator<br>Brand: Imported<br>Engine Power : 7 HP<br>Stroke : 4<br>RPM : 3600<br>Fuel : Petrol<br>Lubricating System : Splash Type<br>Starting : Recoil<br>Chassis Size : 780 x 460 x 780 mm<br>Gear Shift : 2 Forward , 1 Reverse<br>Gear Box : Constant Mesh Type<br>Transmission : Belt Drive<br>Depth Adjustment : Multistage Adjustable<br>Market<br>Cultivation Width : 900 mm<br>Cultivation Depth : >100 mm<br>Weight : 72 kg (Approx)<br>Usage : Petrol Power Tiller is a piece of secondary tillage equipment. It is used inter cultivating, turning the soil, weeding, aerating | 1             | Nos             |

| Sr. No | Item Title           | Item Description                                                                                                                                                                                                                                                                                                                                                                     | Item Quantity | Unit of Measure |
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|        |                      | and making rows for plantation.<br>Optional Attachment : Plough<br>Ridger Cage Wheel<br>Accessories : One set of Tyre<br>Dry and Wetland Tine sets<br>Tool Kit & User Manual<br>Accepted Both Gear Drive / Belt Drive with same specification                                                                                                                                        |               |                 |
| 4      | Rubber Gloves        | Type: Gardening Gloves<br>Material: Rubber<br>Features : water proof- stretchable<br>Packaging : pack of 3<br>thickness options: 3mil and 4mil, satisfy all situations.<br>Length: 9.5" (Approx)                                                                                                                                                                                     | 10            | Nos             |
| 5      | Plastics Baskets     | Basket Diameter (mm): 550, Basket Depth (mm) -290 material<br>Good quality plastic                                                                                                                                                                                                                                                                                                   | 2             | Nos             |
| 6      | Spade                | Round Point, 22 cm With Long Handle<br>Quality: No excess of metal, no dents, no cracks.<br>Rockwell hardness C (HRC):35 minimum to 48 maximum Dimension, full piece (Without Handle): 270 x70x45 mm (Approx.)<br>Weight:1kg +/- 50g,<br>Handle: woodanBlade: Steel                                                                                                                  | 2             | Nos             |
| 7      | Dutch hand hoe       | Dutch hoe with steel handle and grip with slimline neck, slightly angled blade for keeping weed down,<br>length-900mm (Approx)<br>Head Width (MM)-235 (Approx)<br>Handle Material : wooden<br>Blade Material: Steel                                                                                                                                                                  | 2             | Nos             |
| 8      | Drip Irrigation Unit | Automation Grade: Semi-Automatic,<br>Purpose- Vegetable Garden,<br>Agriculture, Shape Of Dripline- Cylindrical,<br>Packaging Type - Carton Box,<br>Pipe Material - Plastic,<br>Weather Proof - Yes,<br>Material - Plastic,<br>Water Coverage :5381 sq.ft (Approx)<br>Operating Pressure1 kg/cm <sup>2</sup> (Approx)<br>Maximum Flow Rate 6864 GPH<br>Drip Emitter Flow Rates Medium | 1             | Nos             |
| 9      | Rabbiting Spade      | Blade Size: 400 x 150 - 90mm (Approx)<br>Shaft Size: 1.67m (66 inch) (Approx)<br>Shape - Cylindrical and Flat<br>Head Size - 130 x 273 mm (Approx)<br>Handle Size - 710 mm (Approx)<br>Material: Steel                                                                                                                                                                               | 1             | Nos             |
| 10     | Hori Hori Knife      | Type: Handle wood Stainless steel, rust proof,<br>blade with sharp edges, Blade length: 7 inch,                                                                                                                                                                                                                                                                                      | 1             | Nos             |

| Sr. No | Item Title                 | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Item Quantity | Unit of Measure |
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|        |                            | Handle type: wood<br>2 working Blade (sharp edges, serrated)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |
| 11     | Long Handle Hoes           | Type: Hardened with Handle<br>Weight - 1.8 Kg to 2 Kg<br>Anti- corrosive<br>Handle Material: Wooden<br>Blade Material: Steel<br>Dimension: 69x22x4 cm (Approx)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1             | Nos             |
| 12     | Garden Hand Tool-Axes      | Type -Axes hand<br>Hardness of Axe Head : 54- 62 HRC when tested at a point approx<br>13 mm from cutting edge<br>Head weight: 21oz or 600g.<br>Gross weight: 32oz or 910g.<br>Length: 15" or 38cm.<br>Carbon Steel Head.                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1             | Nos             |
| 13     | Seed Cleaner               | Double Motor Grain Winnowing Grader and Cleaner Machine, 400-500 kg per hour<br>Description : Winnowing cum grader is latest technology in pre-cleaning. This machine removes both light and heavy impurities from the grain in a single process. It is best suitable for small millers and can be used in all types of grains and seeds. The Mesh can be changed as per the grain.<br>One can operate Single or Double motor as per need.<br>Specifications : Product Type : Winnowing cum Grader & Cleaner<br>Body Material : Mild Steel<br>Motor Power (1) : 100 W for Grading<br>Motor Power (2) : 50 W for Cleaning<br>Capacity (Average) : 400-500 kg/hr | 1             | Nos             |
| 14     | Wheelbarrow or Garden Cart | Size/Dimension:L 760 X W 450 X D 300 mm (Approx)<br>Wheels : 3.5 x 8 Pneumatic Wheels(Scooter Tyre)- 1 No.<br>Wheel Barrow: Single Tyre<br>capacity of wheel : 300 kg – 320 kg<br>Material- Hot rolled carbon, steel sheet, Tubes- mild steel tubes, tubulars, and other wrought steel fittings, Rolled over a steel rod (diameter) : 8 mm                                                                                                                                                                                                                                                                                                                     | 1             | Nos             |
| 15     | Trowel                     | Type : High quality Steel, Size (cm): 4, 6, 8, 10, 12, Sheet with wooden handle ( Set of 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2             | Nos             |
| 16     | Watering can               | high-grade plastic watering can<br>Material: Plastic<br>dimension: 50x10x80 ml (Approx)<br>Capacity: 5 ltr - 6 Ltr<br>weight: 300 gm – 320 gm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2             | Nos             |
| 17     | Garden / digging fork      | Steel hand weeding fork for planting and row making,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2             | Nos             |

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|        |                              | dimensions: 28 x 8 x 5 cm (Approx)<br>Weight : 200 gm – 250 gm                                                                                                                                                   |               |                 |
| 18     | Garden knife                 | Steel knife for cuttings, grafting and transplanting; minimum length-145mm                                                                                                                                       | 2             | Nos             |
| 19     | Garden rake/Leaf rake        | 14 teet hMulti change soil rake with hndle size : 30 cm<br>Material: steel<br>Handle :Woodan                                                                                                                     | 2             | Nos             |
| 20     | Hand screens/Sieves          | Material: Stainless Steel<br>outer Dia :100mm (Maximum)<br>Feature: corrossion resistant<br>weave type: plain                                                                                                    | 1             | Nos             |
| 21     | Pruning shears               | Manual steel pruning secateurs for hard branches of trees.<br>Head Material: High Carbon Steel Handle<br>Material: Aluminium Oxide/ Mild Steel<br>Full Length: 220mm Blade Length: 50 mm<br>Weight: 200 - 300 gm | 1             | Nos             |
| 22     | Shovels                      | Material:Alloy Steel<br>Item Dimensions : LxWxH 29 x 8 x 3 Centimeters (Approx)<br>Item Weight : 0.15 Kilograms - 0.25 kg<br>Style : Bend Proof<br>Grip Type : Contoured                                         | 2             | Nos             |
| 23     | Soil scoop                   | Plastic shovel soil scoop used to collect soil samples<br>Size: 30.5 x 8.9 x 8.3 cm (Approx)<br>Material: Plastic - Durable                                                                                      | 3             | Nos             |
| 24     | Water hose                   | Flexible tube used to convey water, with Spray Gun<br>Hose Pipe: Heavy Duty PVC Plain Braided<br>Hose Pipe - 30 Meter<br>dimension: minimum 1/2"                                                                 | 2             | Nos             |
| 25     | Safety Shoes                 | 9 Inch Height shoe<br>Puncture and Tear Resistant.<br>water proof, Anti-Static, Anti-Slip.                                                                                                                       | 1             | Nos             |
| 26     | Fawda/ Kudal                 | Blade Material: Iron<br>Finishing: Paint Coated<br>Handle Material: Wooden<br>Usage/Application: Gardening<br>Breadth Of Blade: 8 inch<br>Blade Thickness: 2-5 mm                                                | 2             | Nos             |
| 27     | Weeder                       | Weeder with Handle<br>DIMENSION: 30.5 x 22.9 x 11.4 Centimeters (Approx)<br>Weighht: 970 gm<br>Hardened and Tempered Steel Blade<br>MS Powder coated Body                                                        | 1             | Nos             |
| 28     | Cocopeat/ Pro tray (Nursery) | Item Dimension: 8.2x 27.5x29.4 cm (Approx)<br>Pack of five<br>Weight 520 Grams – 550 Kg                                                                                                                          | 5             | Nos             |

| Sr. No | Item Title         | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Item Quantity | Unit of Measure |
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|        |                    | Size of the Hole: 1.5"<br>Material: Plastic<br><br>Consider Weight 520 Grams – 550 Grams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                 |
| 29     | Ridge furrow maker | Ridger cum Reversible Plough for 7 HP Power Tiller<br>Specifications :<br>Product Type : Ridger cum Reversible Plough<br>Brand : Made in India<br>Plowing Width : 200 mm (Approx)<br>Dimensions (LxWxH) : 95.5 x 52 x 73 mm (Approx)<br>Weight : 20 Kg (Approx)<br>Suitable for :<br>Attach with 7 HP Power Tiller<br>For Plowing Greenhouse, Or Paddy Field And Terraced Fields                                                                                                                                                                                                                                                                     | 1             | Nos             |
| 30     | Stock Almirah      | Steel Almirah 1855 mm 4 Shelves<br>Material: M.S sheet conforming to commercial quality CR- 1, Grade 340 of IS 513:2008(revised 2013) (Fifth Revision) Amdt. no.1<br>Material of Almirah Doors :M S Sheet<br>Sheet Thickness of door: 1.25 mm<br>Sheet Thickness of sides, back , Top and Bottom: 1.25 mm<br>Sheet Thickness of Shelves:1.25 mm<br>Sheet Thickness of Pedestal in mm:1.25 mm<br>Material of Lock :Brass and steel finish<br>Material of Keys :brass and steel finish<br>Conformity to Indian Standard IS:3312 latest : yes<br>No of shelves (Nos) : 4<br>Type of Shelves Fixed<br>Number of Doors (Nos) 2 (ALL DIMENSION ARE APPROX) | 1             | No              |
| 31     | Chart              | Rollup up of Flax banner Material having Size: 60cm x 90cm (Approx) Colour: Multicolour Board Type with Wooden sticks at top and bottom made.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20            | No              |