

## 1. SPECIFICATIONS OF EQUIPMENT, TOOLS, MATERIALS

Materials/equipment, tools	Description / Specifications
Sprayers	Manual Sprayer - MATABI Chemical Tank Capacity: 16 L Weight: 3 kg Liquid Output: 50 L/hr Type of Cylinder: HDPE
Water pumps and accessories	Maximum Head: 28 Maximum Flow Rate: 60cbm/h Horsepower: 5-6.5 100m hoses and accessories
Sprinklers	Automatic rotatory sprinklers
Irrigation (hoss)	Flexible hoses (100m)
Cutlasses	Cutlass/Machete type M206 (normally with a blade length of 18 inches (Crocodile))
Hoes	Heavy digging hoes with short handles
Weeding hoes	Light weeding hoes with short handles
Watering cans	Plastic
Wheelbarrow	With capacity of the carrying tray (often between 75 and 90 litres) and the total load capacity (normally 150 kg minimum). The tyre should be of rubber, either solid or pneumatic. The wheels should be metallic
Hand carts (trucks)	2-wheeled manual hand cart- The tyre should be of rubber and pneumatic. Minimum Aisle Width Maximum load 114kg
Barbwire	Galvanized barbed iron wire with two strands and 4 points. Barbs distance 3-4 inches.
Nails 3 inches	A3X131/22 Round Head 3-Inch x .131 x 22 (Packets of 5kg)
Dig axes	Tropic mark
Spades	Rectangular spade with socket fitting to a D-handle (Tropic)
Water Storage tanks 3000L	Rubber resistant (black colour) 300l
Rakes	Carbon steel – 30- 45 cm width – 3-5 cm within fingers
Storage drums for palm oil storage (50l)	rubber plastic drums- good resistance
Storage drums for palm oil storage (100L)	rubber plastic drums- good resistance
Plastic drinkers for finishers	Plastic drinkers 6L
Poultry Plastic drinkers for starter/ growers	Plastic drinkers 3L
Poultry Plastic feeders for finishers	Plastic feeders 6L
Plastic feeders for starter/ growers	Plastic feeders 3L
Motorised cassava grater	Petrol driven 3.5 HP CAPACITY PER HOUR HP REQUIRED CG / S / 300 200 - 300 KGS 2 HP CG / M / 450 300 – 450 KGS 3

	HP CG / B / 600 450 – 600 KGS 3 HP CG / L / 800 650 – 800 KGS 5 HP CG / G/ 1000 800 – 1000 KGS 5 HP
Personal protection Equipment PPE (gloves, boots, goggles, overall, casket)	Gloves, Farm boots, goggles, overall, casket, nose mask)
Palm oil press	Petrol (essence driven) 5HP (see picture below)

2. See pictures below.



300-500kg/h

Palm oil press



Drinker



feeders



Rotating Automatic Garden Water Lawn Watering Irrigation



Barb wire



Matabi Back manual sprayer 16L



rake for gardeners



Motorised petrol cassava grater

# Personal protection kit for farmers (PPE)



Eyes protective google



Nose mask



Farmers Overall



boots



Protective gloves



Casket

