

Equipment and tools

COURSE NUMBER  E1323

The listed materials, equipment and tools required for each study period below are for the workplace project assessments that will be conducted on a farm site. Except for some personal protective equipment (PPE), items will need to be supplied by the workplace. Supervisors at the workplace will be advised, in writing, prior your arrival on site about materials, equipment and tools that will be needed.

These PPE items will be required in all study periods and will need to be supplied by you:

- > Long trousers
- > Long sleeved shirt
- > Wide-brimmed hat
- > Sun glasses
- > Goggles
- > Sunscreen
- > Steel-capped boots
- > Good-quality protective gloves
- > Rubber boots

You will need access to some commonly used tools for simulated workplace assessments such as:

- > Power drill
- > Hammer
- > Pliers
- > Cleaning equipment (i.e. buckets, sponges)
- > Screwdriver
- > Wire cutter
- > Shovel
- > Spirit level
- > Ladder.

Study period 2

In Study Period 2, you are required to build, maintain and repair fences and to clean farm machinery. Materials, tools and equipment needed may vary according to the farm context and the types of fences and machinery used on the particular farm. This list covers the common items required for these tasks:

- > PPE – including covered boots or steel-capped boots, rubber boots, gloves, wide-brimmed hat, long-sleeved shirt and trousers, sunscreen
- > Farm fencing materials – e.g. treated timber or metal posts, smooth, paige and/or barbed wire, spiral or ringed nails, gates
- > Farm fencing tools and equipment – e.g. wire cutters, pliers, crimps, wire spooler, wire strainer, hammer, heavy mallet, post pounder, chain or hand saw
- > Any farm machinery including vehicles (to clean)
- > Cleaning materials – cleaning cloths, cleaning brushes, heavy duty, industrial cleaning products and degreasers
- > Cleaning tools and machinery – pressure cleaner, vacuum cleaner.

Study period 3

In Study Period 3, you are required to feed, handle and care for livestock. Materials, tools and equipment needed may vary according to the farm context and the types of livestock on the particular farm. This list covers the common items required for taking care of livestock on a farm:

- > PPE – including covered boots or steel-capped boots, rubber boots, gloves, wide-brimmed hat, long-sleeved shirt and trousers, sunscreen
- > Livestock – can be cattle, sheep, pigs, poultry, alpacas or any other type of animal used for commercial farming
- > Livestock handling – handling areas, access routes, crush, sticks, flags, livestock talkers, clippers
- > Livestock caring and feeding – hoses and brushes for washing, health treatments, feed and feed supplements, feed and water troughs.

Study period 4

In Study Period 4, you are required to assist with establishing crops. Materials, tools and equipment needed may vary according to the farm context and the types of crops on the particular farm. This list covers the common items required for establishing crops on a farm:

- > PPE – including covered boots or steel-capped boots, rubber boots, gloves, wide-brimmed hat, long-sleeved shirt and trousers, sunscreen
- > Machinery – e.g. cultivator, plough, harrow, destoner, rock windrower, subsoiler, rotator, roller, strip till, planter, seed drill, manure spreader
- > Tools – e.g. rake, hoe, fork, spade, soil sampling sleeves, zip tool, auger, soil testing kit, soil sampling kit
- > Materials – e.g. fertilisers, mulch, seeds, seedlings, soil testing kit.

Study period 5

In Study Period 5, you are required to assist with maintaining crops. Materials, tools and equipment needed may vary according to the farm context and the types of crops on the particular farm. This list covers the common items required for maintaining crops on a farm:

- > PPE – including covered boots or steel-capped boots, rubber boots, chemical resistant gloves, wide-brimmed hat, long-sleeved shirt and trousers, sunscreen
- > Vehicles and machinery – fertiliser machine, compost turner, tractor, weeding machine
- > Tools – hoe, irrigation system, pruner, compost bin, wheelbarrow, chemical applicators, chemical mixing equipment
- > Materials – fertiliser, pest and disease control chemicals.

Study period 6

In Study Period 6, learners are required assist with harvesting crops. Materials, tools and equipment needed may vary according to the farm context and the types of crops on the particular farm. This list covers the common items required for harvesting crops and controlling soil erosion and sediment on a farm:

- > PPE – including covered boots or steel-capped boots, rubber boots, gloves, wide-brimmed hat, long-sleeved shirt and trousers, wide-brimmed hat and sunscreen
- > Vehicles and machinery – tractor, combine harvester, forage harvester, root crop harvester, reaper, windrower, plough, thresher, stripper, baler, bark blower
- > Tools – scythe, sickle, shovel
- > Materials – compost, mulch, fertiliser, herbicides, insecticides.