

Equipment and Technical Guide for AU21 Sustainable Agriculture I

| Category | Item | Quantity | Required? |
|-----------|--|----------|-----------|
| tool | 3/8" drive socket set | 1C | yes |
| equipment | Animal Clipper | 1C | yes |
| equipment | Backpack sprayer | 1C | yes |
| tool | Basic tool kit | 1C | yes |
| tool | Bush axe | 4C | yes |
| equipment | Chainsaw | 1C | yes |
| tool | Clinometer | 3C | yes |
| tools | Combination wrench sets, standard and metric | 1C | yes |
| tool | Compass | 4C | yes |
| equipment | Desk top Computer | 1C | yes |
| tool | Dissecting kit | 10C | yes |
| equipment | Drill press | 1C | yes |
| equipment | Egg candler | 3C | yes |
| equipment | Egg Incubator | 1C | yes |
| equipment | Garden Tiller | 1C | yes |
| tool | Garden trowels | 15C | yes |
| equipment | Gas powered blower | 1C | yes |
| equipment | Gas powered hedge trimmer | 1C | yes |
| equipment | Greenhouse minimum 20" x 50" | 1C | yes |
| tools | Hammers | 5c | yes |
| tool | Hole diggers | 5C | yes |
| tool | Hose 50' | 3C | yes |
| tool | Hose reel | 3C | yes |
| tool | Increment borer | 3C | yes |
| equipment | Laser printer | 1C | yes |
| tools | Lopping shears | 5C | yes |
| equipment | Microscope , dissecting | 1C | yes |
| equipment | Miter saw | 1C | yes |
| tool | Nematode study kit | 4C | yes |
| equipment | Pesticide cabinet | 1C | yes |
| tool | Pitch fork | 10C | yes |
| tool | Plant tissue test kit | 4C | yes |
| tool | Planting bar | 2C | yes |
| tool | Portable circular saw | 1C | yes |
| equipment | Portable electric drill. 3/8" drive | 1C | yes |
| equipment | Portable grinder | 1C | yes |
| equipment | Poultry brooder | 2C | yes |
| tool | Pruning shears | 12C | yes |
| tool | Rake | 10C | yes |
| equipment | Rotary spreader | 1C | yes |
| equipment | Safety glass storage cabinet | 1C | yes |
| tools | Safety glasses | 1S | yes |
| tools | Safety goggles | 1:4S | yes |

Category -

- **equipment** - is a non-expendable, tangible item. It is usually more feasible to repair it rather than replace it with an entirely new unit. It has a unit cost of over \$100.
- **tool** - is an expendable, tangible item. It is usually more feasible to replace it with an entirely new unit rather than repair it. It has a unit cost of less than \$100.
- **curriculum** - is additional curriculum materials.
- **software** - is computer software that is required or can enhance the instruction.
- **training** - is coursework or other professional development for the teacher.
- **subscription** - is for curriculum or supplemental material for a specified period of time.
- **supplemental** - is instructional resources that provide more information about or extend the content of a subject.
- **licensure/certification** - is examinations, license and certification fees for the students.
- **other** - is additional instructional resources.

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Quantity - is the number of items needed for the (C) CTE classroom/lab, for the (B) school building, for the (L) LEA, or the number needed based on the number of (S) students in the classroom/lab.

In some cases the number is based on the (W) workstations in the classroom/lab. A classroom may be divided into several kitchen workstations or hospital bed workstations. In these cases the number of items is what is needed to equip one workstation. The number of workstations is based on the anticipated number of students taking that course at one time.

Quantity Examples:

- 1S = one of these items for each student in the classroom/lab
- 1S, 1C = one of these items for each student in the classroom/lab and an additional one in the classroom for the teacher
- 1:4S = one item for every four students in the classroom/lab
- 1B = one of these items per school building.
- 1L = one of these items per LEA (school district).
- 2C = two of these items per CTE classroom/lab.
- 3W-kitchen = three of these items per kitchen workstation in the classroom/lab.

Required?

- **yes** = This is required to teach the course.
- **no** = This is not required to teach the course.