

## Equipment and Technical Guide for: AP42 Horticulture II

Category	Item	Quantity	Required?
equipment	10" bench grinder	1C	yes
equipment	10" tilting arbor saw	1C	yes
equipment	15-gallon power sprayer, 2-2-1/2 HP gasoline engines, cart with hose and sprayer gun	1C	yes
equipment	3 gallon hand sprayer	2C	yes
equipment	4' and 5' rotary mower for tractor	1C	yes
equipment	4' x 8' dump trailer	1C	yes
equipment	6" bench grinder	1C	yes
equipment	6" machinist vise	1C	yes
equipment	80 gallon, 2-stage air compressor	1C	yes
equipment	Air filtration system for wood working and small engines	1C	yes
equipment	Briggs and Stratton tool set	5C	yes
equipment	Broadcast spreader	1C	yes
equipment	Cement mixer	1C	yes
equipment	Chain saw	4C	yes
tool	Clinometer	1C	yes
equipment	Computer with the latest available software and hardware	1:4S	yes
equipment	Disc harrow for tractor	1C	yes
equipment	Dozing blade for tractor	1C	yes
equipment	Drill press	1C	yes
equipment	Drill, 1/4", 3/8", and 1/2" electric, portable, variable speed	2C	yes
equipment	Drop spreader	1C	yes
equipment	Electric generator	1C	yes
equipment	Eyewash station	1C	yes
equipment	Field cultivator for tractor	1C	yes
equipment	Flammable storage cabinet	1C	yes
equipment	Front end loader for tractor	1C	yes
equipment	Germicidal cabinet for safety glass storage	1C	yes
equipment	Greenhouse with ventilation system, evaporative cooling system, heating system, and humidifier	1C	yes
tool	Hand truck	1C	yes
equipment	Hinged pipe vise	1C	yes
equipment	Increment borer	1C	yes
equipment	Jack stand	6C	yes
equipment	Lawn mower	1C	yes
equipment	Lawn mower with thatching equipment	1C	yes
equipment	Lawn roller	1C	yes
equipment	Measuring wheel	1C	yes
equipment	Misting system, 6 mist nozzle complete with pipe, risers, timing clocks (Watco mist control complete with solenoid)	1C	yes
equipment	Oil tank, (used for oil)	1C	yes
equipment	Organic soil shredder	1C	yes
equipment	Portable, electric circular saw	1C	yes
equipment	Post auger	1C	yes
tool	Post hole digger	2C	yes
equipment	Pressure washer	1C	yes
equipment	Propagation bench	1C	yes
equipment	Root growth chamber	1C	yes
tool	Rotary tiller	1C	yes
tool	Safety glasses/goggles	1S	yes
equipment	Shop vacuum	1C	yes
equipment	small 2 and 4 cycle gasoline engine	2C	yes

## Equipment and Technical Guide for: AP42 Horticulture II

equipment	Small engine stand	5C	yes
equipment	Small engine trailer	1C	yes
equipment	Soil auger (bucket)	1C	yes
equipment	Solu-Bridge tester	1C	yes
equipment	Time clock	1C	yes
equipment	Transit with tripod and leveling rod	1C	yes
equipment	Turf aerator	1B	yes
equipment	Vibrator seeder	1C	yes
equipment	Weed eater	1C	yes
tool	Wheelbarrow	1C	yes
equipment	Wood slat bench	6C	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.

**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.