

Stage 5 Agricultural Technology: Plant nursery production

Plant propagation terms

Term	Meaning
Asexual	Reproduction without sex cells.
Budding	A form of grafting where a bud is transferred from one plant type to another related plant type.
Bulb	A modified plant structure that can be divided to produce new plants, e.g. onion, daffodil.
Fertilisation	Fusion of plant sex cells in the flower.
Grafting	The union of tissue of two different but related plants.
Hardwood	Mature stems of a plant, where the stem has become woody.
Hormone	A chemical that causes a plant to produce roots.
Layering	Placing a nicked plant stem in soil to produce roots and a new plant.
Plant	A living thing that produces its own food by photosynthesis.
Propagation	The production of new plants.
Reproduction	A process of producing new offspring.
Rhizome	Modified stem that grows sideways underground.
Rootstock	Part of a graft that contains the lower stem and the root system.
Scion	Part of a graft that contains the upper stem and the leaf system.
Sexual	Reproduction involving sex cells.
Softwood	Plant stems which have not hardened, or come from a soft stemmed plant.
Tissue culture	Removal of plant cells, and their growth in a fully controlled environment to produce new plants.
Tuber	A modified plant root structure that can be divided to produce new plants, e.g. potato.