

PA1 Glossary

The following words and phrases are commonly used in this qualification. Many of the words can have more than one meaning. The meaning given below is when the word is used in the context of the safe use of pesticides.

Active Ingredient (AI)	The part of a pesticide product which gives it its pesticide properties. Also known as an 'Active substance'.
Adjuvant	A substance (other than water) without significant pesticide properties and which, when added to a pesticide before it is applied, improves or is intended to improve the effectiveness of the pesticide by helping it "stick" to the target more effectively. For example a "wetter" or wetting agent"
Application	When a pesticide is sprayed or put on or "applied" to the target* surface or area
Applicator	A sprayer, machine or other device that is used to put the pesticide onto the target* surface or area
Applied	When a pesticide has been sprayed or put on the target* surface or area
Applying	To spray or put a pesticide on the target* surface or area
Calibrated	Describes when the sprayer, or other machine for applying* pesticide is checked or measured and adjusted or marked for making accurate pesticide applications*
Calibration	To work out the application rate (e.g. in litres per hectare) of an applicator from a given speed, nozzle flow rate and spray width or nozzle spacing
Compliance	To obey an order, rule or request
Complied	When an order, rule or request is obeyed
Comply	To act according to an order, set of rules or request
Concentrated	Pesticide without having any water added to it
Contamination	The presence of an unwanted substance in a specific area, e.g. pesticides on personal clothing
Contaminate	To make something unclean or polluted by the presence of an unwanted (usually harmful) substance.
COSHH	The Control of Substances Hazardous to Health Regulations 2002. UK Legislation relating to how to deal with dangerous substances.
Decontaminate	To wash or otherwise remove dangerous or unwanted substances from something
Decontamination	The removal of dangerous or unwanted substances
Dilute	Adding water to a concentrated* substance.
Disposal (dispose or disposed)	Getting rid of unwanted waste; e.g. left over pesticide concentrate, empty containers, etc
Dose Rate	The amount of pesticide which the label states should be sprayed or put on an area or surface (often given in litres per hectare)

Words or phrases marked with * are defined themselves elsewhere in the glossary.

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Health and Safety Executive (HSE)	UK Government organisation responsible for regulating health and safety of employees at work
Jet	A narrow, high pressure spray of pesticide
Mobile Storage	A secure container used to take pesticide from one location to another.
Operator	Someone who sprays or puts pesticides on a target* area or surface
Personal Protective Equipment (PPE)	Any clothing, equipment, device or appliance designed to be worn or held by a person to protect them from one or more health and safety risks.
Plant Protection Product (PPP)	An active ingredient* (substance) or mixture of active substances (previously known as a pesticide) which is intended to: <ul style="list-style-type: none"> • Protect plants or plant products against harmful organisms or prevent the action of those organisms (e.g. fungus diseases or insect pests) • Influence the life processes of plants other than as a nutrient (for example, as a growth regulator) • Preserve plant products (except for substances or products which are classed as preservatives. • Destroy unwanted plants, parts of plants or control or prevent the undesired growth of plants
Precautions	Actions that can be taken to prevent harm or injury, or in case of an undesired occurrence, also called safety measures
Rate	This could be the “dose rate*” (see above) or “flow rate” in which case it would be the speed at which liquid, solid or gas comes out of an applicator*
Recalibrated	To repeat the calibration* process (see above)
Respiratory protective equipment (RPE)	Any personal protective equipment* which is designed to prevent or control contamination from breathing in a substance (e.g. face mask).
Segregation / segregate / segregated	To move a person or item so that it is on its own and separated from other items or people.
Site	Area which pesticide is to be sprayed, put on, or “applied*” to.
Statutory	A requirement which is laid down in law, which everyone must follow
Tank mix	A spray mixture, prepared by the user, containing two or more pesticide products
Target	The specific object or organism to be sprayed with pesticide product (i.e. what the pesticide is going to be used for).
Treatment Plant	An area or piece of equipment that deals with the safe disposal of potentially harmful substances such as pesticide products
Uniform/uniformly	To apply a pesticide at the same rate* over the area being treated or to have an even spray/spreading pattern coming from the applicator*

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