
GLOSSARY OF TECHNICAL TERMS

“catalyst”	substance that speeds up a chemical reaction
“DCPTA”	a synthetically produced polyamine which is the only category of polyamines that has, so far, been commercially developed for agricultural use
“distillation”	the process of turning a liquid to vapour by heating, then collecting the condensation when cooled
“emulsifying agent”	chemical substance used to distribute evenly particles of oil or fat in a liquid
“enzyme”	organic chemical substance that is found in living cells that accelerates biochemical changes within cells
“esterification”	the reaction between organic acids and alcohols
“fertiliser”	natural or artificial substance that contains the nutrients required by plants
“filtration”	the process of removing impurities from a liquid
“gene”	unit in a chromosome which controls heredity
“nucleic acid”	referring to either deoxyribonucleic acid (DNA) or ribonucleic acid (RNA) in cells, being the basic constituent of genes
“nutritious growth”	growth with respect to plant organs, such as root, stem and leaf
“organic”	being, found in, or formed by living things
“PGR(s)”	plant growth regulator(s)
“polyamine(s)”	also known as tertiary amine bioregulators, being a newly discovered biochemical which, other than plant hormones, can control specific physiological and biochemical functions of plants by their influence on gene and enzyme interactions
“polymeride”	chemical substance used to combine small simple molecules into large complex molecules
“reactor”	apparatus in which chemical reactions take place and which controls the reaction process
“regulatory-type PGR”	also known as plant biochemical regulator, a biochemical that is associated with various genetic and physiological processes within plants
“reproductive growth”	growth with respect to plant organs, such as flower and fruit
“solvent”	liquid or solution that can dissolve another substance
“synthesizing”	the process of combining separate parts or elements to form a complex whole
“synthetic”	being artificial or made by synthesizing