

GLOSSARY OF TECHNICAL TERMS

This glossary of technical terms contains explanations of certain technical terms used in this document. As such, these terms and their meanings may not correspond to standard industry meanings or usage of these terms.

“compound fertiliser”	a kind of fertiliser with three-components, providing nitrogen, phosphorus and potassium. Compound fertiliser can be used for balanced fertilisation and can increase the utilisation rate of fertilisers
“HCL”	hydrochloric acid, an aqueous solution of hydrogen chloride, belonging to one-component inorganic strong acid, which is an important part of the chlor-alkali industry and is widely used in industrial fields
“KCL” or “MOP”	potassium chloride, a compound with the chemical formula KCl containing around 60% potassium oxide equivalent, which can be used as a fertiliser
“Mannheim Method”	a mature and reliable production technology in SOP manufacturing, which consists of a thermal decomposition reaction between sulphuric acid and KCL to simultaneously produce SOP and HCL, a by-product
“m ³ ”	cubic metre
“mu”	unit of area corresponding to approximately 666.7 sqm per mu
“NHCL”	ammonium chloride, a compound with the chemical formula NH ₄ Cl and a by-product produced during the manufacturing of NOP
“NOP”	potassium nitrate, a compound with the chemical formula KNO ₃ containing potassium, oxygen, and nitrogen, which can be used as a fertiliser
“potash”	potassium

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“SOP”	potassium sulphate, a compound with the chemical formula K_2SO_4 containing around 50% potassium oxide equivalent, which can be used as a fertiliser
“sqf”	square foot
“sqm”	square metre