

GLOSSARY OF TECHNICAL TERMS

“buprofezin”	an organic and high selective insecticide to restrain the growth of pests on agricultural products such as rice, vegetables and fruits
“Chemical Delivery System”	an automatic mean with the purpose of delivering a chemical molecule from the point of application to the target
“catalyst”	substance that speeds up a chemical reaction
“chlorpyrifos”	an organo phosphate insecticide which is an active ingredient in a wide range of agricultural pest products
“Dao Ying Wen Jing (稻癭蚊淨)”	the common brand name of the Group’s pesticide, 30% chlorpyrifos-buprofezin (30% 毒嗒酮•展膜油劑)
“distillation”	the process of turning a liquid to vapour by heating, then collecting the condensation when cooled
“fertiliser”	natural or artificial substance that contains the nutrients required by plants
“filtration”	the process of removing impurities from a liquid
“fungicide”	chemical substance used to kill or inhibit the growth of fungi
“hectare times”	the area calculated based on the total times that area is affected by the relevant pest(s)
“herbicide”	chemical agent used to kill or inhibit the growth of unwanted plants
“Lissorhoptrus oryzophilus”	scientific name of a pest which will cause epidemic (serious loss) to the growth of paddy
“Nilaparvata lugen”	scientific name of rice brown planthopper which endangers paddy
“nutritious growth”	growth with respect to plant organs, such as root, stem and leaf
“organic”	being, found in, or formed by living things
“organo phosphate”	any of several organic compounds containing phosphorus, some of which are used as fertilizers and pesticides

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“Orseolia oryzae”	scientific name of Asian rice gall midge
“pesticide”	toxic substance used to kill animals or plants that cause economic damage to crop or ornamental plants or are hazardous to the health of domestic animals or humans
“phosphorus”	highly reactive and nonmetallic chemical element
“PPM”	parts per million which means the condensity level of a certain molecules in 1 litre of water
“Propulsive Agent”	chemical solvent agent produced by the Group and applied to paddy pesticides (靶向推進劑) which possesses automatic diffusion and propulsion on water surface. It is a type of Chemical Delivery System
“reactor”	apparatus in which chemical reactions take place and which controls the reaction process
“Sha Shi Ba (殺虱霸)”	Jin Ze Ling (金澤靈) previously known as Sha Shi Ba (殺虱霸), the common brand name of the Group’s pesticide, 8% buprofezin (8% 噻嗪酮•展膜油劑)
“solvent”	liquid or solution that can dissolve another substance
“Target Propellant New Pesticide”	the type of paddy pesticide developed by the Group applying the Propulsive Agent technology