



INTRODUCTION

PLANT FERTILIZER

- A plant fertilizer is a substance or mixture of substances that is applied to the soil or directly to plants in order to provide vital vitamins and minerals that are beneficial in their growth and development.
- Plants need a variety of nutrients, which can be discovered in the soil or in additional fertilizers.
- The three main nutrients, nitrogen (N), phosphorus (P), and potassium (K), or NPK for short, are what plants require in comparatively large amounts.
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TYPES OF FERTILIZER

There are several types of fertilizer such as complete fertilizer, incomplete fertilizer, Synthetic Fertilizers, liquid fertilizer, granular fertilizer, slow-release fertilizer, specialty fertilizer and organic fertilizer.

Under the organic fertilizer there many types of fertilizer using organic matters such as fermented plant juice (FPJ), fermented fruit juice (FFJ), lactobacillus serum (LAB), fish amino acid (FAA) and etc. These kind of fertilizers were established by Master Han Kyu Cho who developed a sustainable system called Korean Natural Farming (Miller et. al 2013).