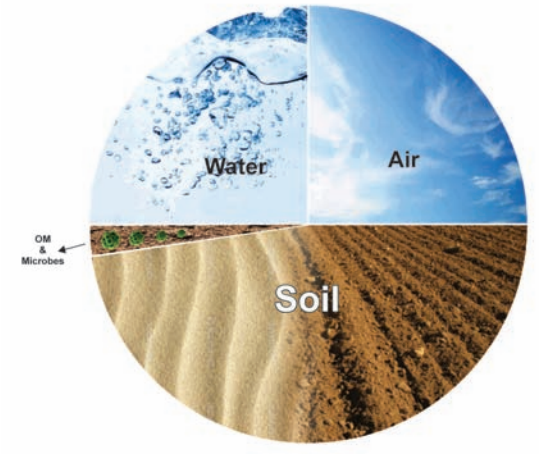

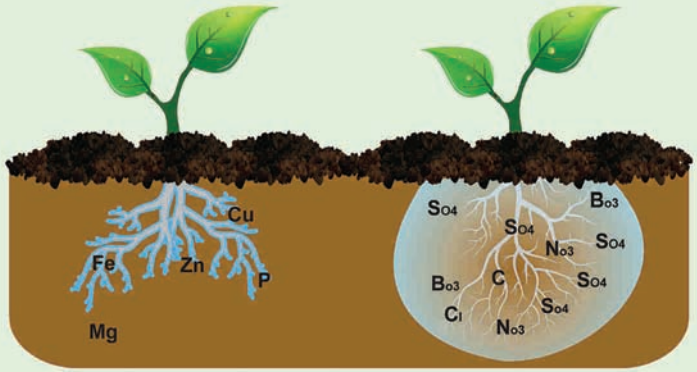

Living
Fertilizers
Prosperous
Generation

Soil composition depicts that to supply & sustain nutrients to plant nature has employed Integrated Plant Nutrient Management (IPNM) system. Plants absorb/uptake most of nutrients from soil through roots. Scientist's categories plant food nutrients in to following categories based on their mobility in soil:

Mobile Nutrients

Nutrients which remain part of soil solution and freely mobile in soil and plant roots can easily take up them like NO3, SO4, Cl, Bo3.

Immobile nutrients

These are such nutrients which are tightly held in soil with soil particles or they are water insoluble like P, K, Ca, Mg, Zn, Fe, S.

Nutrients mobility / immobility in soil governed by several factors like pH, soil texture etc. In order to make all of the required nutrients available at most critical stages IPNM is best approach. IPNM refers to the maintenance of soil fertility and plant nutrient supply at an optimum level for sustaining the desired productivity through optimization of the benefits from all possible sources of organic, inorganic and biological components in an integrated manner.