

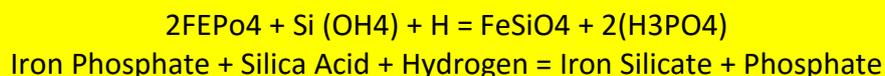
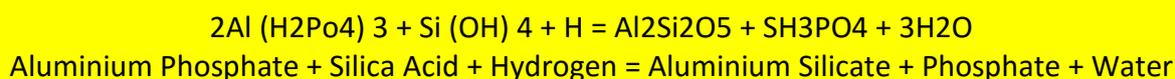
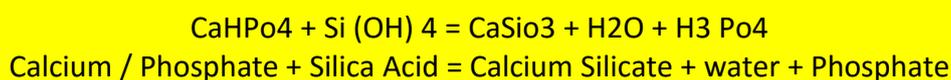
SILICA

Silicon Fertilisers (Guano Gold-Kwik Start) increase the concentration of Monosilica acids in the soil solution and their absorption on soluble Phosphorus of Calcium (CaHPO_4), Aluminium absorption ($2\text{Al}(\text{H}_2\text{PO}_4)$) and Iron (2FePO_4).

By this it means Silicon Fertilisers initiate the following processes.

1. Transformation of slightly soluble Phosphates into mobile forms.
2. The physical absorption of mobile Phosphates by Silicon-rich surfaces.

ALL FACTS SUGGEST that Si-rich materials can be used for reducing - "P" - "TIE UP" and keep applied PHOSPHORUS in **plant available form**



SILICA & K

Silicon Fertilisers exhibit very good absorption properties; owing to this, leaching of Potassium from the surface horizon was reduced by application of Silicon. Therefore GUANO GOLD-Kwik Start blended with either MOP or SOP or KMS will allow for maximum availability of both P and K in the soils that are high in Fe, Al or Ca. The interaction of Silica allows the blend to work in both acid and slightly alkaline soils.