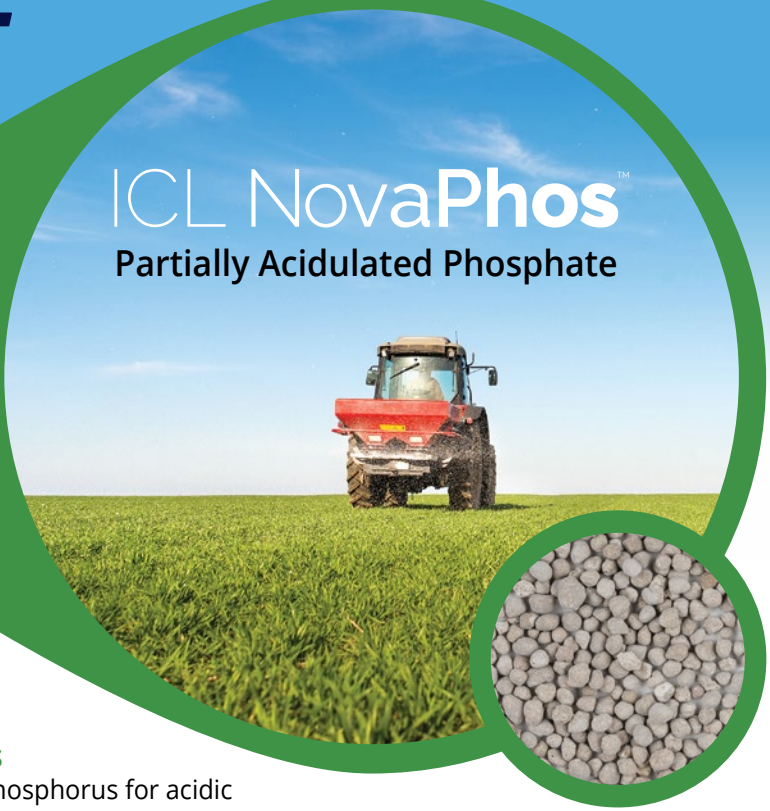
ICL Europe

ICL NovaPhos™

Partially Acidulated Phosphate



Main features

- A source of phosphorus for acidic soils
- Longer release of P with residual value due to partly acidulation, less leaching and P fixation thus more efficient P fertilization
- Available in various levels of acidulation and phosphorus content
- Effective calcium source for raising soil pH, improving cell firmness in plant tissue
- Available in granular form
- Tailor made formulae with additional MgO or micronutrients

Main uses

- For direct application in fields, orchards and plantations
- For bulk blending with other fertilizers
- Specifically designed for acidic soils with low pH, and/or tropical and subtropical soils
- Ideal for perennial crops, such as pastures, as a maintenance P fertilizer with additional supply of S and Ca

Formulae P 40 (+1.0 S + 38 CaO) // P 38 (+4.6 S + 25 CaO) // P 35 (+5 S + 30 CaO)
P 26 (+9 S + 35 CaO) // P 23 (+8 S + 33 CaO) // P 26 + 7 MgO (+6 S + 25 CaO)

Phosphorus and calcium are essential nutrients

P promotes more uniform and earlier crop maturity

P improves flower formation and seed production

P is a vital component of ATP, which allows cells to conserve and use the energy released in metabolism

P has an essential role in photosynthesis

P is very important in cell division and development of new tissues

P is an essential component of DNA, the genetic material that allows plants to grow and reproduce

P stimulates root development

Ca is responsible for plant cell division and for strengthening cell walls

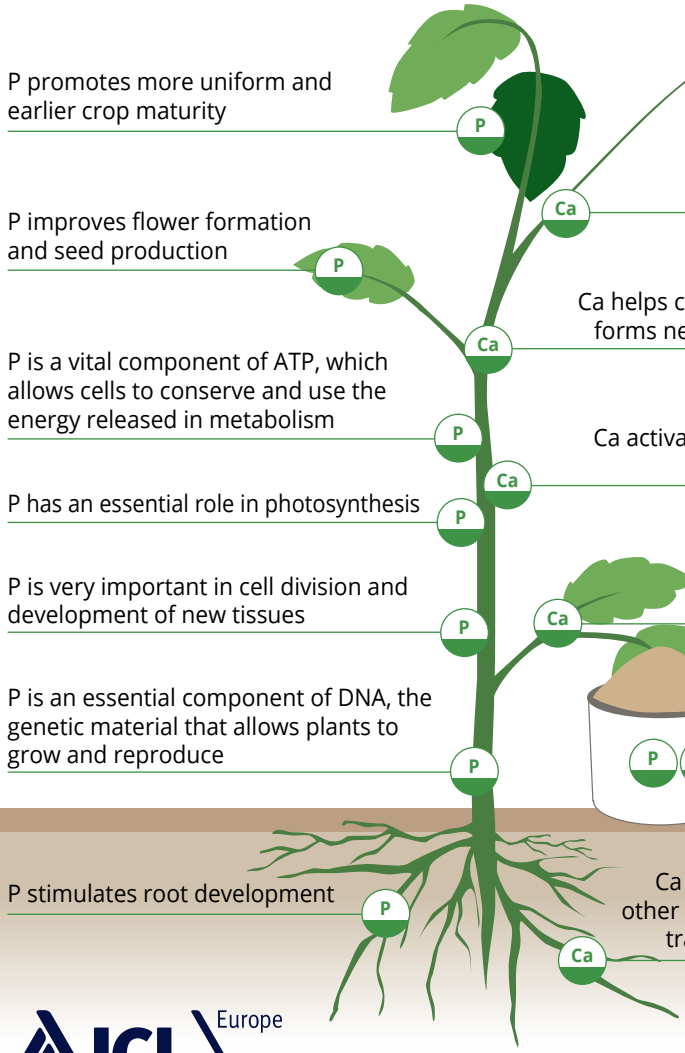
Ca helps convert nitrate-nitrogen into forms needed for protein formation

Ca activates plant growth-regulating enzyme systems

Ca improves disease and frost resistance

P and Ca improve quality and yields

Ca improves the absorption of other nutrients by roots and their translocation within the plant



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