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 **Organically-Approved Input Information Sheet**

CalPhos

Source:

Mined deposits of soft rock phosphate (Florida)

Analysis: 0-3-0-20Ca • 20% total P₂O₅ • 3% available P₂O₅ • 20% Ca

Product Notes:

Spread with lime spreader or similar equipment

Uses:

- A good option to build long-term phosphorus reserves, particularly when manure or compost sources of P are limited or unavailable
- Not suited for soils already high in calcium

Application Rates:

- Typical soil tests (P₁/Olsen) measure available P, but not total P reserves, and what can be made available via biological activity over the growing season; consider P₂ analysis, crop monitoring/tissue sampling for a more complete assessment
- General recommendations based on experience:
 - 500lbs/ac for soils below 12ppm P₁ phosphorus
 - 400lbs/ac for soils 12 to 15 ppm P₁ phosphorus
 - 300lbs/ac for soils 15 to 18 ppm P₁ phosphorus
- Relatively low percentage of available P makes this product impractical/uneconomical to apply to meet current crop requirements; needs to be part of a long-term soil-building plan

Comments:

- CalPhos is also recommended as an addition to manure (in the bedding or during the composting process) to help stabilize nitrogen; it also increases available phosphorus from the CalPhos
- Research indicates that it can take 4 to 8 weeks for phosphate rock to reach maximum solubility
- P availability from phosphate rock fertilizers is positively correlated with AMF and green manure incorporation

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