



Fertoz Rock Phosphate

Source Mined deposits of rock phosphate in British Columbia and Montana

Analysis

- 0-7-0
- 20-25% total P_2O_5
- 5-10% available P_2O_5
- 30-60% Calcium Carbonate
- 10-20% Silica

Product Notes

- Fertoz is available in three formats:

1. Fertoz Powder

- » 50-150 mesh powder
- » 80lbs/ft³ bulk density
- » Apply with a lime spreader or similar equipment



2. Fertoz Granular

- » 64 lbs/ft³ bulk density
- » Granulated for ease of application in fertilizer spreaders or planters
- » Blends well with other granular products

3. Fertoz and Elemental Sulphur Granular

- » 70% Fertoz and 30% elemental sulphur (0-5-0-27S)
- » 64 lbs/ft³ bulk density
- » Increases phosphorus availability in soils with a pH greater than 7.0
- » Economical source of elemental sulphur to correct soil deficiencies



Uses

- A good option to supply crop phosphorus and build long-term phosphorus reserves, particularly when manure or compost sources of P are limited or unavailable
- May not be suitable for soils already high in calcium

Bringing the Thompsons Revolution to Ontario's Organic Farmers.

JOIN THE **REVOLUTION**



THOMPSONS
ORGANICS

Application Rates:

- General recommendations based on experience:
 - 250 to 280 lbs/ac based on phosphorus test levels in acidic soils (pH <7.0)
 - 350 to 400 lbs/ac of Fertoz and Elemental Sulfur, based on phosphorus test levels in alkaline soils (pH >7.0)
- Typically broadcast and incorporated in spring (ideally 4 to 8 weeks before crop phosphorus demand peaks, less in highly-deficient soils)
- Allow 3 years to see the full impact of the amendment application

Comments:

- Fertoz is higher in available phosphorus than other mineral amendments
- Phosphorus availability can be improved by blending with manure, compost, humates, biologicals, and elemental sulphur
- An 8-week study in Western Canada on pH neutral, P-deficient soils showed that phosphorus availability doubled with the application of Fertoz, tripled when Fertoz was blended with sulfur, and increased a further 50% with the addition of compost
- Phosphorus availability from phosphate rock fertilizers is also positively correlated with AMF and green manure incorporation
- Fertoz products are all approved for organic use by ProCert

Contact Us

Thompsons has staff trained to meet the needs of organic farmers at locations across Ontario.
Please contact your nearest branch to learn more!

Blacks Lane/Rodney
(519) 785-0420

Kent Bridge
(519) 352-6311

Granton
(519) 225-2360

Hensall
(519) 262-2527

Mitchell
(519) 348-8433

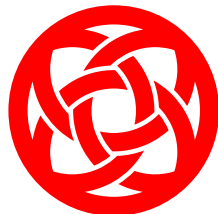
Norwich
(519) 424-9852

Pain Court
(519) 354-5900

Port Albert
(519) 529-7901

Pontypool
(705) 277-2002

Eastern Ontario
(613) 724-9287



THOMPSONS

ThompsonsLimited.com | ThompsonsMobi.com

 **@ThompsonOrganic**

13Mar2019