

Fertoz Rock Phosphate- Specifications

- Certified- Procert, USDA Organic Fertilizer

- High Total Phosphorus as P₂O₅ >18%

* Total P Method AOAC 2.3.02- Current AOAC 957.01 total P digestion, 958.01, P analysis by spectrophotometer

- High Available Phosphorus as P₂O₅ -5-10%

**Available P Method- AOAC 2.3.14, 993.31. Standard second sequential extraction procedure with neutral ammonium citrate (NAC)

Origin- Wapiti BC area, Fernie BC Area, Silver Bow Montana

Typical Ranges- Waypoint Lab in Memphis (formerly A&L) is our reference lab.

	A&L Laboratories	SGS Laboratories	Univ. of Guelph lab	Met-Solve Laboratory
Wapiti samples				
100 mesh (0.15 mm) grind material				
Available P ₂ O ₅ - NAC 1 st extraction	6.24	2.8-3.2*	-	7.2-8.1**
Available P ₂ O ₅ - NAC 2 nd extraction	9.88	9.65-9.82**	-	15.1-17.4**
Available P ₂ O ₅ – 2% formic acid	-	-	1.69**	2.2-2.3**
Total phosphorus as P ₂ O ₅	23.0	-	-	21.8
200 mesh (0.075 mm) grind material				
Available P ₂ O ₅ - NAC 1 st extraction	4.47	2.6*	-	7.14
Available P ₂ O ₅ - NAC 2 nd extraction	10.1	9.70-9.72**	-	16.8
Available P ₂ O ₅ – 2% formic acid	-	-	1.66	1.91
Total phosphorus as P ₂ O ₅	19.2	-	-	21.0
Crow's nest samples				
100 mesh (0.15 mm) grind material				
Available P ₂ O ₅ - NAC 1 st extraction	5.1	-	-	-
Available P ₂ O ₅ - NAC 2 nd extraction	7.64	-	-	-
Available P ₂ O ₅ – 2% formic acid	-	-	1.55	-
Total phosphorus as P ₂ O ₅	24.2	-	-	-
200 mesh (0.075 mm) grind material				
Available P ₂ O ₅ - NAC 1 st extraction	4.64	-	-	-
Available P ₂ O ₅ - NAC 2 nd extraction	9.05	-	-	-
Available P ₂ O ₅ – 2% formic acid	-	-	1.29	-
Total phosphorus as P ₂ O ₅	20	-	-	-

* Triplicate Samples

* Duplicate samples

Note- This summary is from a full study “Wapiti Rock Phos Agronomic Potential”- Ruth McDougall, MSc, Pag, Consulting Agrologist, March 2014- [Full report available upon request](#)

Note 2- Testing of Total and Available P can be challenging. Fertoz can provide a Best Practices Guide for Testing Total and Available P, upon request