

PT 45: Organic Fertilizers

Details of the program:

- Proficiency testing scheme created in 2001
- **36 registered laboratories from 12 countries**
- 5 rounds per annual series
- The time for analysis is 4 weeks
- Samples are shipped via express carrier around the 15th of the month.



Schedule:

DATE	CODE	MATRIX	VOLUME
September	0145	Soil improver	5 L
November	0445	Growing media	7 L
January	0945	Organic fertilizer - household waste compost	5 L
March	0545	Soil improver with sludges	5 L
May	0845	Organic fertilizer	5 L

ANALYTES

Compacted density, Dry matter, Organic matter, pH, Conductivity at 25°C, Total porosity, Water volume, Air volume, Retraction value, Dry visible density, Total Nitrogen, Ammoniacal Nitrogen, Nitric Nitrogen, Phosphorus (P₂O₅ and soluble), Potassium (K₂O and soluble), Calcium (CaO and soluble), Magnesium (MgO and soluble), Sulfur, Chlorides, Organic Carbon, Sodium, Nitric Nitrogen mineralized at 18 days, Carbon mineralized at 18 days

Organic matter stability: Soluble organic components, Hemicelluloses, Lignines and cutines, Cellulosic portion, Crude fiber, Carbon mineralized at 3 days, BSI index, Tr index, Stability index of organic matter

Inert analysis: Synthetics, Glass and metals, Pebbles

Cobalt, Chromium, Copper, Nickel, Cadmium, Mercury, Lead, Zinc, Arsenic, Selenium, Iron, Manganese, Molybdenum

Note: Matrices and analytes may be changed or removed for technical or scientific reasons. Please refer to current application form available in your member area (www.bipea.org).