

PT 22: Silages

Details of the program:

- Proficiency testing scheme created in 1984
- **27 registered laboratories from 9 countries**
- 4 rounds per annual series
- The time for analysis is 6 weeks
- Samples are shipped via express carrier at the end of the previous month.



Schedule:

| DATE | CODE | MATRIX | WEIGHT |
|----------|------|---------------|--------|
| October | 0122 | Corn silage | 1500 g |
| December | 0122 | Corn silage | 1500 g |
| February | 0522 | Meslin silage | 1500 g |
| April | 0222 | Grass silage | 1500 g |

ANALYTES

Ammoniacal nitrogen
 Calcium
 Crude fiber content
 Dry matter
 Lactic acid
 Magnesium
 pH
 Residual moisture content
 Raw ashes
 Soluble nitrogen
 Starch
 Total nitrogenous
 Total phosphorus

Van Soest Parietal components: NDF, ADF, ADL

Alcohols: methanol, ethanol, N-butanol, N-propanol

Digestibility of:

-pepsin cellulase
 -cellulase of dry and organic matter

Digestibility and energetic value forecast
 Nitrogenous value.

Volatile fatty acids: acetic acid, isobutyric acid, isovalerianic acid, N-valerianic acid, N-butyric acid, propionic acid.

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).