

NDF UPDATE OF VARIOUS HAYS AND HAYLAGES

We point out the update made on our NIR profiles in which we have distinguished the aNDF from the aNDFom:

- **aNDF** is the simple NDF, treated with alpha-amylase and sodium sulphite to solubilize starch encrustations and part of the nitrogen bound to the NDF. The gross of the mineral part, especially in the presence of soil contamination (silica), is linked to an overestimation of the fiber by several percentage points.
- **aNDFom** (organic matter) is the NDF with the deduction of the ash, therefore treated like NDF but with a final incineration of the fibrous residue.

The parameter that we have inserted in our NIR profiles is the aNDFom which is the true NDF, while the traditional aNDF, although still used by many, is not really the NDF value. In fact, it contains a fraction that does not have the nutritional significance and rumen-active of the fiber.

The ash quota also interferes in the calculation of the NFCs as it is deducted twice.

For clarity to our customers, we have decided to place the two values side by side, both to make our values comparable to the "NO om" results, and to highlight any contamination on the ground

Gonzaga, 15/10/2018