

RFV (RELATIVE FEED VALUE): FORAGE QUALITY INDEX

The RFV index uses NDF and ADF as estimators of forage quality. NDF is correlated with size while ADF is correlated with forage digestibility. The RFV index has the same meaning and reference values as the most recent and versatile RFQ index (Relative Forage Quality) which also considers the protein and the digestibility of the NDF.

$$RFV = [(120/NDF) * (88,9 - (0,779 * ADF))] / 1,29$$

The calculated value RFV= 100 may be typical of Alfalfa at maximum flowering.

Calculated RFV compared with alfalfa hay ripening stage

Rank	RFV	Ripening	
Premium	>151	Budding	Superior*
1	from 125 to 150	10% Flowering	Good*
2	from 103 to 124	50% Flowering	Acceptable*
3	<102	100% Flowering/Seed	Poor Quality*

RFV Nutritional Value:

>151 = Superior;

from 125 to 150= Good;

from 103 to 124= Acceptable;

<102= poor Quality (beyond full flowering).

THE JUDGMENT IS RELATIVE TO THE STAGE AND THE PRODUCTION DESTINATION OF THE LIVESTOCK.