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Kikuyu (*Pennisetum clandestinum*), aerial part, fresh



Main analysis	Unit	Avg	SD	Min	Max	Nb
Dry matter	% as fed	20.1	5.0	12.9	39.9	282
Crude protein	% DM	15.1	3.2	8.3	22.8	309
Crude fibre	% DM	29.8	2.6	24.4	35.0	306
NDF	% DM	65.3	4.3	58.5	76.5	61 *
ADF	% DM	35.1	3.2	26.6	41.6	61 *
Lignin	% DM	4.3	1.2	2.3	7.1	55 *
Ether extract	% DM	2.7	0.6	1.7	4.0	161
Ash	% DM	10.0	1.2	7.1	12.3	307
Water-soluble carbohydrates	% DM	2.9	0.9	2.0	3.7	3
Gross energy	MJ/kg DM	18.3				*
Minerals	Unit	Avg	SD	Min	Max	Nb
Calcium	g/kg DM	3.1	0.5	2.2	4.4	251
Phosphorus	g/kg DM	3.7	0.9	1.9	5.5	251
Potassium	g/kg DM	34.5	6.7	18.4	48.5	245
Sodium	g/kg DM	0.2	0.1	0.1	0.3	6
Magnesium	g/kg DM	2.9	0.4	2.2	3.7	250
Manganese	mg/kg DM	101	47	48	214	32
Zinc	mg/kg DM	45	17	20	86	33
Copper	mg/kg DM	9	2	6	13	33
Iron	mg/kg DM	309	281	74	1068	23
Ruminant nutritive values	Unit	Avg	SD	Min	Max	Nb
OM digestibility, Ruminant	%	69.0		59.1	72.7	2 *
Energy digestibility, ruminants	%	66.0				*
DE ruminants	MJ/kg DM	12.1				*
ME ruminants	MJ/kg DM	9.7				*
Nitrogen digestibility, ruminants	%	70.3		67.0	73.6	2

The asterisk * indicates that the average value was obtained by an equation.

References

Aumont et al., 1991; CIRAD, 1991; Coetzee, 1948; Fulkerson et al., 2007; Hassoun, 2009; Singh et al., 1992; Todd, 1956

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Datasheet

Kikuyu (*Pennisetum clandestinum*)

Table status

Finished

Table order

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