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Feed categories

All feeds
Forage plants
- Cereal and grass forages
- Legume forages
- Forage trees
- Aquatic plants
- Other forage plants

Plant products/by-products
- Cereal grains and by-products
- Legume seeds and by-products
- Oil plants and by-products
- Fruits and by-products
- Roots, tubers and by-products
- Sugar processing by-products
- Plant oils and fats
- Other plant by-products

Feeds of animal origin
- Animal by-products
- Dairy products/by-products
- Animal fats and oils
- Insects

Other feeds
- Minerals
- Other products

Scientific names

Plant and animal families
Plant and animal species

Tools

FAO Ration Tool for dairy cows
FAO Laboratory Audit Tool

Resources

Broadening horizons
Literature search
Image search
Glossary
External resources
- Literature databases
- Feeds and plants databases
- Organisations & networks
- Books
- Journals

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Rhodes grass (Chloris gayana), hay

Main analysis	Unit	Avg	SD	Min	Max	Nb
Dry matter	% as fed	86.4	3.5	76.2	92.8	141
Crude protein	% DM	10.1	3.0	4.4	16.6	193
Crude fibre	% DM	35.3	2.1	31.2	40.4	131
NDF	% DM	75.7	2.9	70.5	80.8	30
ADF	% DM	41.2	3.8	37.0	50.1	35 *
Lignin	% DM	5.6	1.0	3.8	7.7	28 *
Ether extract	% DM	1.7	0.5	0.9	2.5	31
Ash	% DM	9.7	1.5	6.7	13.2	148
Gross energy	MJ/kg DM	18.1	0.3	18.1	19.8	7 *

Minerals	Unit	Avg	SD	Min	Max	Nb
Calcium	g/kg DM	3.1	0.7	2.0	4.6	66
Phosphorus	g/kg DM	2.6	0.6	1.6	4.2	67
Potassium	g/kg DM	16.9	5.3	5.0	23.8	54
Sodium	g/kg DM	4.1	3.0	1.2	8.9	13
Magnesium	g/kg DM	1.4	0.3	0.9	2.2	54
Manganese	mg/kg DM	107	46	47	209	9
Zinc	mg/kg DM	22	19	0	83	17
Copper	mg/kg DM	5	2	3	9	17
Iron	mg/kg DM	31	83	0	220	7

Ruminant nutritive values	Unit	Avg	SD	Min	Max	Nb
OM digestibility, ruminants	%	59.0	5.1	50.1	68.7	55 *
Energy digestibility, ruminants	%	55.6				*
DE ruminants	MJ/kg DM	10.0				*
ME ruminants	MJ/kg DM	8.1				*
Nitrogen digestibility, ruminants	%	40.5	13.3	17.0	55.0	14

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

References

CIRAD, 1991; El-Hag et al., 1992; French, 1943; Gartner et al., 1975; Hassoun, 2009; Holm, 1971; Holm, 1971; Kategile et al., 1988; Kennedy et al., 1992; Mahgoub et al., 2005; Mandibaya et al., 1999; Milford et al., 1968; Minson, 1971; Mtenga et al., 1990; Mupangwa et al., 2000; Ondiek et al., 1999; Osuga et al., 2012; Rees et al., 1980; Richard et al., 1989; Shem et al., 1999; Todd, 1956

Last updated on 14/10/2014 16:33:51

Datasheet

Rhodes grass (Chloris gayana)

Table status

Finished

Table order

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