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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

## Common vetch (*Vicia sativa*), hay



Main analysis	Unit	Avg	SD	Min	Max	Nb
Dry matter	% as fed	90.1	2.7	84.8	92.8	7
Crude protein	% DM	19.7	1.8	16.9	22.5	12
Crude fibre	% DM	24.5	2.4	20.4	28.5	10
NDF	% DM	38.6	8.1	27.1	47.8	7
ADF	% DM	28.7	5.1	20.6	35.2	8
Lignin	% DM	6.5	2.0	4.4	8.5	3
Ether extract	% DM	1.8	1.0	0.7	2.4	3
Ash	% DM	10.7	1.2	9.0	12.3	12
Gross energy	MJ/kg DM	18.1				*

Minerals	Unit	Avg	SD	Min	Max	Nb
Calcium	g/kg DM	14.5	2.6	11.1	17.9	7
Phosphorus	g/kg DM	2.9	2.0	0.9	7.0	7
Potassium	g/kg DM	26.1				1
Magnesium	g/kg DM	2.3				1

Amino acids	Unit	Avg	SD	Min	Max	Nb
Alanine	% protein	7.4				1
Arginine	% protein	6.0				1
Aspartic acid	% protein	13.4				1
Cystine	% protein	1.3				1
Glutamic acid	% protein	11.6				1
Glycine	% protein	5.8				1
Histidine	% protein	2.7				1
Isoleucine	% protein	5.3				1
Leucine	% protein	9.4				1
Lysine	% protein	7.2				1
Methionine	% protein	1.6				1
Phenylalanine	% protein	5.8				1
Proline	% protein	6.2				1
Serine	% protein	4.9				1
Threonine	% protein	5.2				1
Tryptophan	% protein	2.1				1
Tyrosine	% protein	4.0				1
Valine	% protein	7.4				1

Secondary metabolites	Unit	Avg	SD	Min	Max	Nb
Tannins (eq. tannic acid)	g/kg DM	7.5				1
Tannins, condensed (eq. catechin)	g/kg DM	0.7				1

Ruminant nutritive values	Unit	Avg	SD	Min	Max	Nb
OM digestibility, Ruminant	%	64.4	2.9	64.4	72.9	7 *
Energy digestibility, ruminants	%	60.9				*
DE ruminants	MJ/kg DM	11.0				*
ME ruminants	MJ/kg DM	8.7				*
Nitrogen digestibility, ruminants	%	76.7	3.6	72.9	81.0	6
a (N)	%	45.3				1
b (N)	%	41.8				1
c (N)	h-1	0.066				1

Nitrogen degradability (effective, k=4%)	%	71	*
Nitrogen degradability (effective, k=6%)	%	67	*

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

#### References

Abbeddou et al., 2011; Alibes et al., 1990; Berhane et al., 2006; Lopez et al., 1996; Neumark, 1970

*Last updated on 13/03/2013 15:30:35*

### Datasheet

Common vetch (*Vicia sativa*)

### Table status

Finished

### Table order

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